WALLACES' FARMER and Iowa Homestead

IOWA'S LEADING FARM NEWSPAPER

AUGUST 4, 1956

Farm and town youngsters learn to swim in supervised classes in the new community pool at Aurelia in Cherokee county, Iowa.

Safe place to swim

FOR PICTURESQUE beauty, it was hard to beat the ol' swimmin' hole—with its tree-shaded banks and dark, mysterious depths. But for safety, it was a far cry from the modern, supervised pools that now dot the Corn Belt. In many rural communities, this summer, school buses are taking youngsters to pools for swimming instructions. They learn to swim in safety. Good idea!

Tests find better boars 11

Farm vote on Ike vs. Adlai . . . 18

Help with fall seedings 33

She couldn't make friends . . . 44

Your Promise of More Profit!

As you drive down our highways, you see these familiar signs marking field after field of Pioneer corn.

The Pioneer signs show you the dependable, top yielding Pioneer hybrids developed to give you the most corn possible from your soil and weather. Look over the marked Pioneer fields in your community. Look over other corn fields, too. And, if you're like half a million other U. S. farmers, you'll plant Pioneer next year.

Your Proof of More Profit

FIRST IN 15 OF 31 TOP PLACES IN IOWA TEST

Here's official proof that Pioneer produces higher yields and makes more profit . . . from the Official Iowa Corn Yield Test, conducted by Iowa State College. Every year, Pioneer ranks at or near the top in practically every district of the test. For instance, College Bulletin P-120 ranks corn entries tested in 12 districts for 1955; it also ranks entries tested for 2 years in 10 districts and entries tested for 3 years in 9 districts. **Pioneer hybrids stand first in 15 of the 31 top places reported.** No other seed producer stands first more than 3 times, although 45 seed corn producers entered hybrids in 1955.

Next year, get every bushel you can from every acre. Plant all Pioneer. Your Pioneer salesman offers you high yielding Pioneer hybrids bred and adapted for your area.

Pioneer Hi-Bred Corn Co., Des Moines, Iowa
Garst & Thomas Hybrid Corn Co., Coon Rapids, Iowa

and it costs lots LESS than you'd think!

only **$44.14** for

plus tax and your recappable tire —for size 9-24, 4-ply rating. Other sizes also thriftily low-priced at most Goodyear dealers'. Prices subject to change.

GOODYEAR'S WORK-PROVED

SURE-GRIP D-15

This farmer is right! He gets more for his money with Goodyear tractor tires—so why risk buying a tire that merely *looks* like a Goodyear when the REAL THING is priced so low?

Years of personal experience by farmers in their fields PROVE that no other make of farm tractor tire outpulls Goodyear, outwears Goodyear, takes it like a Goodyear —or saves as much time, trouble, gas and money.

That's why continuing surveys show that *more farmers prefer Goodyear tractor tires than all other makes PUT TOGETHER!*

Visit your nearby Goodyear dealer—get a *close* look at the great SURE-GRIP D-15—and start worth-while savings right then and there! Goodyear, Farm Tire Dept., Akron 16, Ohio.

HERE'S A MONEYSAVING *FRONT* TRACTOR TIRE!

NEW FARM RIB

only **$12.60** (4.00-15—4-ply rating). Plus tax and your recappable tire. Price subject to change.

Three long-wearing ribs for easy steering—wide tread for extra flotation—tougher rubber compounds for long wear—husky beads for greatest-ever durability!

WHY SURE-GRIP PERFORMANCE IS BEST FOR THE MONEY:

O-P-E-N C-E-N-T-E-R, combined with Goodyear's *straight* and *longer* lugs means cleaner bite—and cleaner lugs for the next clean bite!

DEEPER, FLATTER TREAD WITH *STRAIGHT* AND *LONGER* LUGS means greater lug-to-soil contact, vastly improved traction—yet smoother roll, longer, more even wear in field or on the road.

TOUGHER RUBBER COMPOUNDS help lugs retain sharp bite-in edges, give tire greater resistance to weather-checking and chipping.

STRONGER BODY increases tire life, protects your investment.

GOODYEAR TIRES

Make your Goodyear dealer's sign your good luck sign.
Enter the Goodyear $150,000 3-T Sweepstakes at your Goodyear dealer's now.

GOODYEAR

Sure-Grip—T.M. The Goodyear Tire & Rubber Company, Akron, Ohio

MORE FARMERS PREFER GOODYEAR TRACTOR TIRES THAN ALL OTHER MAKES *PUT TOGETHER!*

WALLACES' FARMER AND IOWA HOMESTEAD. August 4, 1956 (Vol. 81, No. 15). Published first and third Saturdays of each month by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, one year for one dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1956, by the James M. Pierce Corporation.

Hogs and Cattle

BY WALTER J. LEEDS

PIG STARTERS
It's never too late to learn

I WAS sure proud of a young friend of mine one day not too long ago. It's been just a few years since he started hog farming on his own. I happen to know there wasn't too much cash left over after he made the down payment on his place, bought some used equipment and put in the stock he needed to make a start raising hogs.

It's mighty good to see him make a go of it. Takes lots of hard work, smart management and plenty of backbone . . . but another year or two and I figure he'll just about have it made.

Well, there was a group of hog raisers, including my young friend, out in front of the post office as I passed by . . . so I stopped to visit with them.

It seems they were talking about pig starters as hog raisers will this time of year. One of the older men was joshing around about the money my friend spends for a top-quality pig starter like Nutrena Creep-20.

"How much do you pay for Creep-20," the old timer kept interrupting, "how much?"

Now, my young friend could have told him it was none of his business right then and there, but instead he answered just as polite as you please.

And, as I said, I was mighty proud of the good business sense my friend showed in his answer. Here's what he told the hog raiser who kept after him about "how much" Creep-20 cost:

"Well, that all depends on which *how much* you mean," my friend said. "There's how much I pay for Creep-20. I've shopped all around and found that Creep-20 costs more than some and less than others.

"But I figure the most important thing to me is *how much* I *get* for my money with Creep-20. Come on out to the farm with me and I'll show you my records that prove Creep-20 is the only starter I can *afford* to feed my pigs."

I think there's a good lesson for all of us in that young man's views on pig starters.

Here are some of the reasons he is so right about all the value you get for your money with Creep-20.

There's Creep-20's taste appeal for baby pigs with 50 percent rolled oats. Nutrena guarantees that your pigs will eat Creep-20 more eagerly than any other pig starter or refunds your money on the first trial bag.

What's more, baby pigs get all the growth-boosting power and health protection of high-level antibiotics, arsanilic acid and added vitamin B-12 in Creep-20. This combination of high level antibiotics and arsanilic acid is of particular help in the prevention of scours in baby pigs.

Another value booster is the zinc sulphate Nutrena adds to Creep-20. This is one of the important trace minerals that helps prevent trouble from parakeratosis, disease of the skin.

Then there's the blended protein and the high levels of baby pig vitamins and minerals in Creep-20.

All in all, I'd say a tasty, high-powered, high-antibiotic feed like Creep-20 gives a whole lot of solid value for your pig starter dollar.

Incidentally, I must remember to tell my young friend that I saw Mr. Old Timer's station wagon parked outside our Nutrena dealer's store the other day . . . loaded to the brim with Nutrena Creep-20. (Advertisement)

One vote for Ike. Melvin Apel of Floyd county, Iowa, names his choice. For views of other farm people on election, turn to page 18.

INSIDE STUFF

HOW FINE it seems to hear somebody complain about too much rain! Up in Fayette, Clayton, and Allamakee counties in Iowa, I found farmers wishing showers would stop so they could get combining and threshing done.

NORTHEASTERN Iowa looks like a tropical jungle, just as all Iowa often does in July. Grass is high in pastures. Weeds along the fence rows make farmers get out spraying rigs.

EVEN WITH a good crop, farmers have worries. Hog raisers in northeastern Iowa took a beating on price like everyone else. Some farm wives who used to teach are getting school jobs again.

HOW BIG are your potatoes? Marbles or peas? Several farm women have complained to me lately about the poor potato crop on their own farms and the high price for store potatoes.

WHAT ABOUT potatoes next winter? The spring crop was short; the late summer crop is fairly good. Prices ought to drop later on.

EVEN IF the steel strike lasts only a month, it should get rid of the steel surplus. It's like farmers plowing under one-twelfth of their corn crop or selling one-twelfth of their bred sows.

I FIND one virtue in grasshoppers. They eat bull thistles like a kid eats candy. But a friend in Tama county tells me they don't like Canada thistles.

DID ANYBODY in your family go to college because of GI educational benefits? Nearly eight million young men did take advantage of this part of the GI law.

THIS COST us—the people of the United States—around $14 billion, and we never spent money better. Probably more than half of these boys would never have had a college education without this help.

RUSSIA IS turning out twice as many engineers as we are. Why? Every boy who can pass the examinations gets government help. We did that with the GIs. We could do it in peace time too.

BACK IN 1934 and 1936, drouth areas could use diverted acres for feed without any argument. The same thing should have been done this year.

IF YOU want to know more about testing boars, turn to the article on page 11. You'll find some surprises.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD
"GOOD FARMING, CLEAR THINKING, RIGHT LIVING"
(Volume 81—Number 15)
RICHARD S. PIERCE, Publisher
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Entered as second-class matter, October 19, 1929, at the post office at Des Moines, Iowa, under the act of March 3, 1879.

Have you seen

UNI-FARMORAMA?

...your MM dealer has your ticket!

This is the UNI-HUSKOR

Meet the champion corn picker of them all—winner of United States and Canadian Corn Picking Championships the last two years in a row! Get up on the seat yourself, see how full self-propelled visibility, Uni-Matic hydraulic picking height control, hydraulic power steering and the ready reserve of Uni-Tractor power makes the Uni-Huskor unbeatable in corn.

SEE THE UNI-FARMOR IN ACTION!

DOOR PRIZES FOR EVERYONE!

2 UNI-FARMOR TRACTORS TO BE GIVEN AS STATE-WIDE PRIZES!

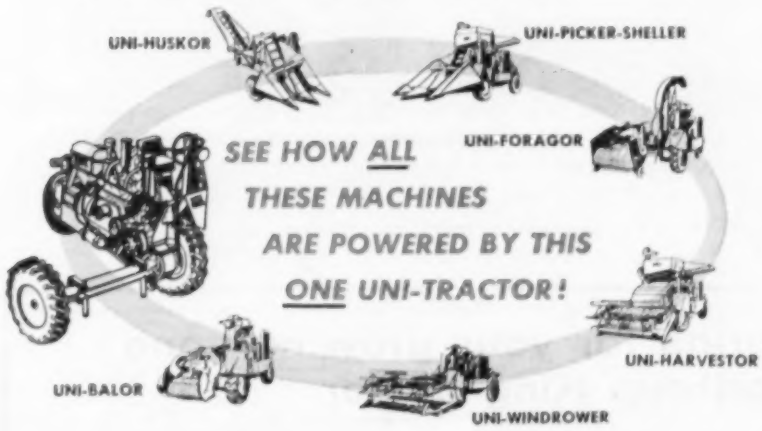
FAMILY FUN!

BIG STAGE SHOW!

ASK YOUR MM DEALER FOR TICKETS TO SEE THIS BIG, NEW ADVANCE IN FARM MACHINERY—TOURING IOWA NOW!

Who says you can't mix business with pleasure? The thousands of Iowa farmers and their families who have already seen Minneapolis-Moline *Uni-Farmorama* know it just isn't so! The *business* part of this great new farm show on wheels is the Uni-Farmor itself—six outstanding harvest machines powered and propelled by the same Uni-Tractor. With a full staff of experts on hand to explain the Uni-Farmor and answer your questions, it all adds up to a better-farming show you can't afford to miss.

But that's only half of it! There's a good time for the whole family at *Uni-Farmorama*, with a complete stage show, door prizes for everybody and a chance to win 2 MM Uni-Farmor Tractors being given away as state-wide prizes. Be sure you and your family take in Uni-Farmorama when it comes to your community. Ask your neighborhood MM Dealer for your FREE Uni-Farmorama tickets now and be there for the fun.



See the machine designed by Martin Ronning, winner of the 1956 Cyrus Hall McCormick medal.

Here's what MM's Iowa Manager H. W. Swanson says about UNI-FARMORAMA:

"We're out to show the farm families of Iowa just what's been happening in farm machinery development. We want every Iowa farmer to have a first-hand look at the Uni-Farmor—we think it's the machine of the future, here and ready to work today!"

Showing next at these Iowa Cities:

GARWIN	**Aug. 4**	**FORT DODGE**	**Aug. 14**
ALBION	**Aug. 7**	**KLEMME**	**Aug. 16**
NEVADA	**Aug. 9**	**GREENE**	**Aug. 18**
OGDEN	**Aug. 11**	**NORTHWOOD**	**Aug. 21**

NO ROOM for another kernel on these well-filled ears. That's the report from Ing Stangeland, shown as he harvested one of the newest high-yielding Kingscrost varieties last year. "I've done a lot of custom picking," says Stangeland. "When I go through a field I can always tell Kingscrost by how easy and clean it picks." See your Kingscrost dealer now.

Ing Stangeland gets more from

Kingscrost varieties, protected by TWP seed treatment, give higher net return

Hog raiser, cattle feeder, corn farmer—Ing Stangeland is all of these and more on his 400 acre farm. To turn a profit from his operations, Stangeland chooses his hybrid corns strictly on the way they yield. That's why Ing Stangeland, along with thousands of profit-minded farmers, grows Kingscrost. He's found he can count on Kingscrost—including the newest varieties bred for his growing zone—to give him those big yields he needs.

What does this good farmer like *best* about the fine job Kingscrost does for him? "I used to have to treat my seed because of insects in my fields," he says, "but with Kingscrost seed already treated for me with TWP I no longer have to do it. I get what I'd call nearly perfect stands. Darn few missing hills this year. Kingscrost also picks the easiest and cleanest of any corn—and I've picked a lot of them."

You'll find Kingscrost corns that'll do the same good job for you. That includes the six *new* farm-proved Kingscrost varieties generally available for planting next spring. So talk soon with your Northrup King dealer or his salesman. He can help you choose the exact Kingscrost hybrids you need for your operations. Next year, get more from every acre with high-yielding Kingscrost in your fields.

Newest **KINGSCROST** hybrids for your growing zone ...ask your local Northrup King dealer

NORTHERN ZONE	LATE NORTHERN ZONE	MIDDLE ZONE	EARLY SOUTHERN ZONE	LATE SOUTHERN ZONE
KC3. One of the earliest all-dent hybrids. High yielding ability. Big diameter ears. Husks open early for fast fall drying. **KC6.** NEW. Vigorous spring growth. Maturity like popular KE1 with better root and stalk strength, higher ears. Larger ears that dry fast.	**KA3.** NEW. Replaces KH3. Higher yielder. Larger, higher ears. Very fast drying. Strong stalks and roots. Good companion to KA4. **KS4.** Very good earing ability. Uniform ear height for easier picking. Compact plants with wide, long leaves. Good yielder.	**KB4.** Fast spring grower. Very leafy plant. Good root and stalk strength. Ideal for either silage or grain. **KS5.** Outstanding yielder! Large, blocky-type ears, well-filled with deep kernels. Very fast fall drying.	**KO4.** NEW. High yielding ability. Blocky-type ear that gives very high shelling percent. Maturity equal to popular Kingscrost KO5.	**KT6.** NEW. Widely-adapted with outstanding spring vigor. Compact, leafy, good looking, productive plants. Long, well-filled ears. Deep kernels. **KT7.** NEW. Replaces K3A as latest-maturing Kingscrost hybrid. Outyields and outshells K3A. Adaptable to a wide range of growing conditions.

INSECT INSURANCE goes into Ing Stangeland's planter boxes with each Kingscrost kernel. Each seed is coated with TWP "Two Way Protection" seed treatment—to insure against loss from seed-eating soil insects and fungus diseases. Stangeland says, "In spite of a cold, late spring and soil insects I had to look hard to find any missing hills." Put this insurance in your fields.

every acre with new hybrids!

HERE'S HOW TWP BOOSTS YIELDS. Side by side in the same field, these plants show the value of TWP—"Two Way Protection" seed treatment. Kingscrost (left) is not seriously harmed by a heavy wireworm infestation. The other hybrid (right) is stunted, the stand is thinned. TWP also controls other kernel-feeding soil insects. Average increase in stand and yield more than repays entire seed corn cost for most farmers!

Ken Erickson reports on **KINGSCROST** Hybrid Sorghums

From my farm visits, I know how interested most of you are in new seed developments. So let me tell you about a new product from Northrup King's seed research program. Four new Kingscrost Hybrid Sorghums will be available for planting in 1957, but of course seed will be limited. Farm trials have shown increases from them up to 40% over open-pollinated varieties. If you live south of a line between Chicago and Rapid City, you may want to try one of these new Hybrids. For farmers north of that line—sorry, but there are no Kingscrost Hybrid Sorghums yet ready to release. We are working on still earlier lines and will bring them to you as soon as possible. For further information, write me at Northrup King in Minneapolis.

Get more from every acre with products from

NORTHRUP KING SEED RESEARCH

KINGSCROST

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Waterloo, Iowa • Rochelle, Ill.

Putting up a building?...

STRONGBARN COSTS LESS AT FIRST

This 31' x 76' loafing and milking barn, constructed with Strongbarn roofing and siding, was built in 1950. Notice its excellent, like-new condition.

...AND COSTS LESS TO KEEP UP

Strongbarn roofing and siding is designed specifically for farm and ranch use, and fits any type of construction... pole frame, lumber, arch-type, steel. Its original cost is *less* than competitive materials of equal strength. In addition, its high tensile strength and generous coating of protective zinc help keep maintenance costs low.

There are other low-cost building materials. *But there are important differences:*

- **High structural strength.** Strongbarn is more than twice as strong as conventional roofing and siding of the same gage . . . stronger even than conventional 26-gage materials, as tested under exacting engineering conditions. This means lower building costs because you need fewer supports, braces, stringers—no sheathing.
- **Lightweight.** Strongbarn weighs considerably less per square than heavier gages of ordinary roofing or siding of *the same supporting strength.*
- **Long-lasting.** Strongbarn has a 1.25-ounce zinc coating (manufactured to ASTM specification A-361) for long building life.
- **Easy to handle . . . resists tearing.** Although light in weight, Strongbarn is rigid . . . resists bending and tearing in high winds.
- **Low initial cost.** Strongbarn *costs less* than competitive materials of equal strength.

The one sure way to get low-cost Strongbarn when you build is to ask your building supply dealer for *Strongbarn* . . . by name!

GRANITE CITY STEEL

STRONGBARN

GALVANIZED CORRUGATED STEEL ROOFING AND SIDING

GRANITE CITY STEEL CO.
Granite City, Illinois

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Building plans for versatile, low-cost Strongbarn farm structures, prepared in conjunction with the University of Illinois, are yours absolutely free. Mail coupon at right.

SEND NOW! (If plans other than those listed at right are desired, we will be happy to refer your request to a supplying agency.)

Please send me, without cost or obligation, the plan checked:

- ☐ Machinery and Equipment Shed
- ☐ Dairy Loafing Barn
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- ☐ 40-ft. Barn
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Dept. W-67, Granite City, Illinois

Washington Letter

Emergency run on soil bank

Drouth and hail damage combine to increase last-minute crop sign-up

SOIL bank officials in Washington did not expect an easy summer because of the late start under the new farm law.

But they probably did not realize what a long, agonizing month July would prove to be under spreading drouth conditions in the midwest.

The first deadline for final sign-up on corn acreage adjustment was to have been July 20. Then it was postponed by one week, as county offices filled to overflowing with last-minute signers.

The deadline for disposing of corn and soybeans to comply with the soil bank requirements also was extended from July 31 to August 3.

In Iowa, by late July, corn had deteriorated so badly from continued hot weather and lack of rain, that Governor Hoegh was asking that 27 additional counties or parts of central and northwest counties be declared disaster areas.

Upon a declaration by Secretary Benson, farmers in the disaster areas would be permitted to graze soil bank acres. Five counties — Appanoose, Wayne, Davis, Decatur and Van Buren—had already been put in this classification.

Four counties in northern Missouri, five in east central Nebraska and 18 in Kansas had also been included for the grazing privilege. No counties were included in Minnesota, Illinois or Wisconsin as conditions were better there.

Along with the grazing privilege, farmers in the dry spots also were asking corn and other feed grains be released at reduced prices from government storage.

As for the extent of compliance under the new soil bank program, it appeared late last week that enough acreage had been signed to claim around $200 million. As expected, the Corn Belt led with about two-thirds of the total.

Crops were too far advanced to get a large sign-up in the cotton and wheat belts. In fact, preparations were already under way to start the 1957 sign-up among wheat producers.

Charles Shuman, president of the American Farm Bureau Federation, has demanded that the Department attempt to get all land under the 1957 soil bank program signed up for more than one year. This will be the case, automatically, with land which does not represent underplanting of an allotment. Such land will be called the conservation reserve.

Regulations with respect to this part of the program are about completed and should be issued shortly. It is now thought that they will involve the establishment of a soil-conserving crop base for each farm. Only an increase in non-crop use above this base will be counted for soil bank payments.

A meeting of the Iowa and Missouri state ASC committees will be held at Des Moines August 10, partly to discuss the conservation reserve. Regional fieldmen also will attend.

Meantime, wheat producers of the nation voted by a majority of 87.5 percent to continue marketing quotas in 1957, altho only about three-fourths as many producers took part in the voting. This was a substantial improvement over the majority of 77.3 percent for last year.

Under the quota system, producers must abide by bushel limits as well as acreage allotments. If quotas had been turned down, the wheat support price would have dropped to 50 percent of parity. Farmers then probably would not have felt justified in complying with allotments and very large supplies of wheat might have come on the feed market.

During July, the grain trade was pleased with a Department of Agriculture decision to change its wheat export policy. After September 4, exporters will have to buy their wheat supplies from the open market instead of taking it direct from the Department's stocks.

However, the government will continue to compensate the exporters for any difference between the price they have to pay for wheat and the returns they actually get from foreign buyers. This subsidy has been running around 50-odd cents per bushel.

One change will be made in the form of this wheat export subsidy tho, which some shippers opposed. Instead of paying cash, the exporter will be paid its equivalent in government wheat stocks.

It is claimed that under the new system, the open wheat market will be strengthened thru the additional exporter bidding, perhaps enough to exceed the government's support level. In that case, less wheat might go into federal storage, thus saving the government some money. Only time will tell whether this theory is correct.

OL' GRANDAD says: Always remember; no lady is ever fat. She is just short for her weight. —Iowa Farm Equipment Retailer.

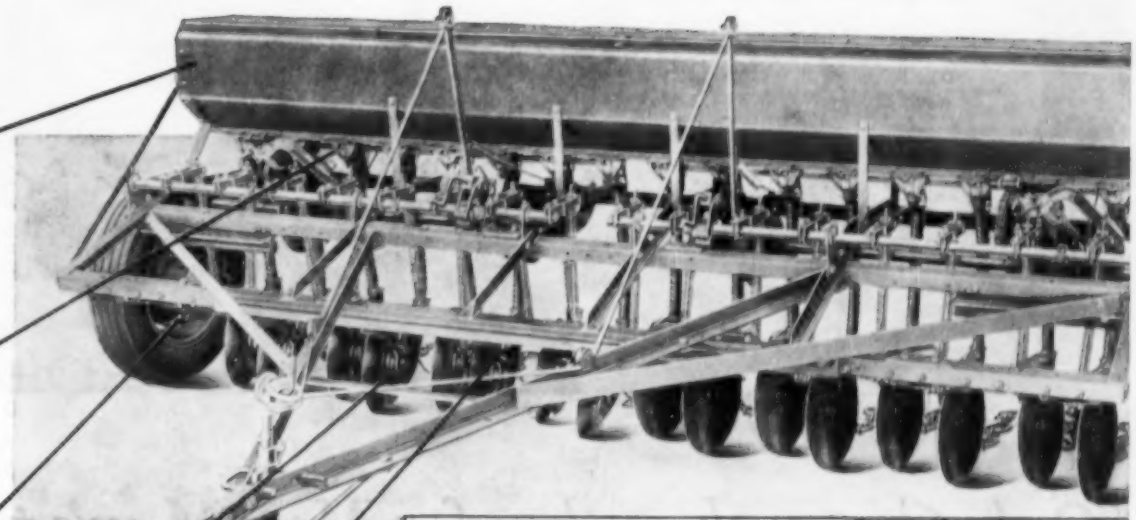
NOTHING CHANGES the line of a man's thoughts quicker than spading up fishing worms while digging in the garden.—Dayton Review.

McCormick Model M drill seeds at exact rate and depth desired. Fluted or double-run feeds accurately meter as little as a peck of seed per acre. Handy screw depth regulator and clean-running rubber tires give you precise control of seeding depth. Sizes from 5 to 14 foot.

McCormick MF drill distributes from 30 to 1,135 pounds of commercial fertilizer per acre as you sow grain and seed grass. The press wheel attachment packs seedbed to improve germination. Except for built-in fertilizer compartment, the MF drill is almost identical to Model M.

8 reasons why McCORMICK® GRAIN DRILLS

help you get even stands . . . longer drill life!



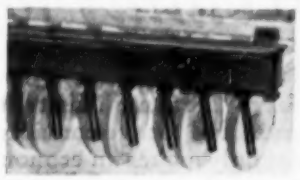
1. Rugged steel hopper reinforces heavy angle-steel frame. Baked-on finish of Toludine paint weatherproofs the hopper. Aluminized metal receivers and delivery tubes resist rust.

2. Weather-shielded feed cups avoid spotty stands caused by seed blowing. Reflector-paint on feed shaft indicates rotation of accurate fluted or double-run feeds.

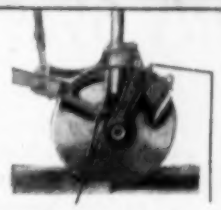
3. Roller bearing wheels and auto-type tires help you to seed accurately at speeds up to 5 mph! Rubber tires shed dirt . . . provide good floatation.

4. Big single-disk opener bearing of flint-hard iron runs in oil. Metal-to-metal grease seal. A film of lubricant forms an effective dirt seal. Grease fitting is easily reached from rear of drill.

5. Undercut and angle adjustment positions semi-deep and deep-furrow openers to suit soil conditions. For deep planting, use maximum angle and undercut.



6. Grass seeder, for band-seeding, sows even stands of grasses or legumes with less seed. Die-formed fluted feeds accurately sow as little as 5 pounds of tiny seed per acre.



7. Front delivery carries seed to uniform depth in the soil.

8. Two fittings completely lubricate double-disk bearings.

Your IH dealer has a "tailor-made" McCormick drill for you! Plain and fertilizer drills come in a wide choice of sizes and equipment. Get just the feeds, furrow openers, and optional features you want. Use the IH Income Purchase Plan of Buying!

SEE YOUR

INTERNATIONAL HARVESTER DEALER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors . . . Motor Trucks . . . Crawler and Utility Tractors and Power Units—General Office, Chicago 1, Illinois

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P. O. Box 7333, Dept. WF-8, Chicago 80, Illinois

Tell me how a McCormick drill can help me seed a bumper harvest! Send FREE catalog.

Name_____ ☐ Student

Town_____ State_____

My IH dealer is_____

"Only 6½c cash outlay for MoorMan's per dozen eggs"

"*Ten years' experience* feeding Mintrate combined with our own grain and forage convinces us that this combination not only makes an economical ration, but one that gives us better than average egg production," say Mr. and Mrs. Fred DeVries, Grundy Co., Iowa.

"*Our last bunch of pullets* was *started* on MoorMan's CoxiCurb* Chick Mintrate* March 10, and changed to a Mintrate *growing* ration at 8 weeks. When we found our first pullet egg, at 4 months, 10 days, we changed to a *laying* ration of 4 parts corn and one part of MoorMan's Super 5*.

"*Our out-of-pocket feed cost* until they started laying was 43c a bird. From October 1 to April 1, our 270 birds laid 2749½ dozen eggs. Our out-of-pocket cost for Mintrate was 6½c per dozen eggs, and our total feed cost a dozen was only 15½c. After 10 months' production the 237 birds left after culling are producing at a 73% rate.

"*We've been to Quincy* and seen Mintrates made, so we're not surprised that they enable us to use our grain to such good advantage."

MoorMan's Mintrate for Chicks and Super 5 Mintrate are concentrated blends of minerals, proteins and vitamins. They are designed especially to help your flock get more body-building, egg-making power out of home-grown feeds by "unlocking" and making available more of the food and energy value nature puts into grain and forage.

With MoorMan's as a part of your ration you can build high-energy, low-fiber rations that get pullets into high production fast and keep them at peak production. Your MoorMan Man can show you how it's done. If no MoorMan Man calls soon, write Moorman Mfg. Co., Dept. S68, Quincy, Illinois.

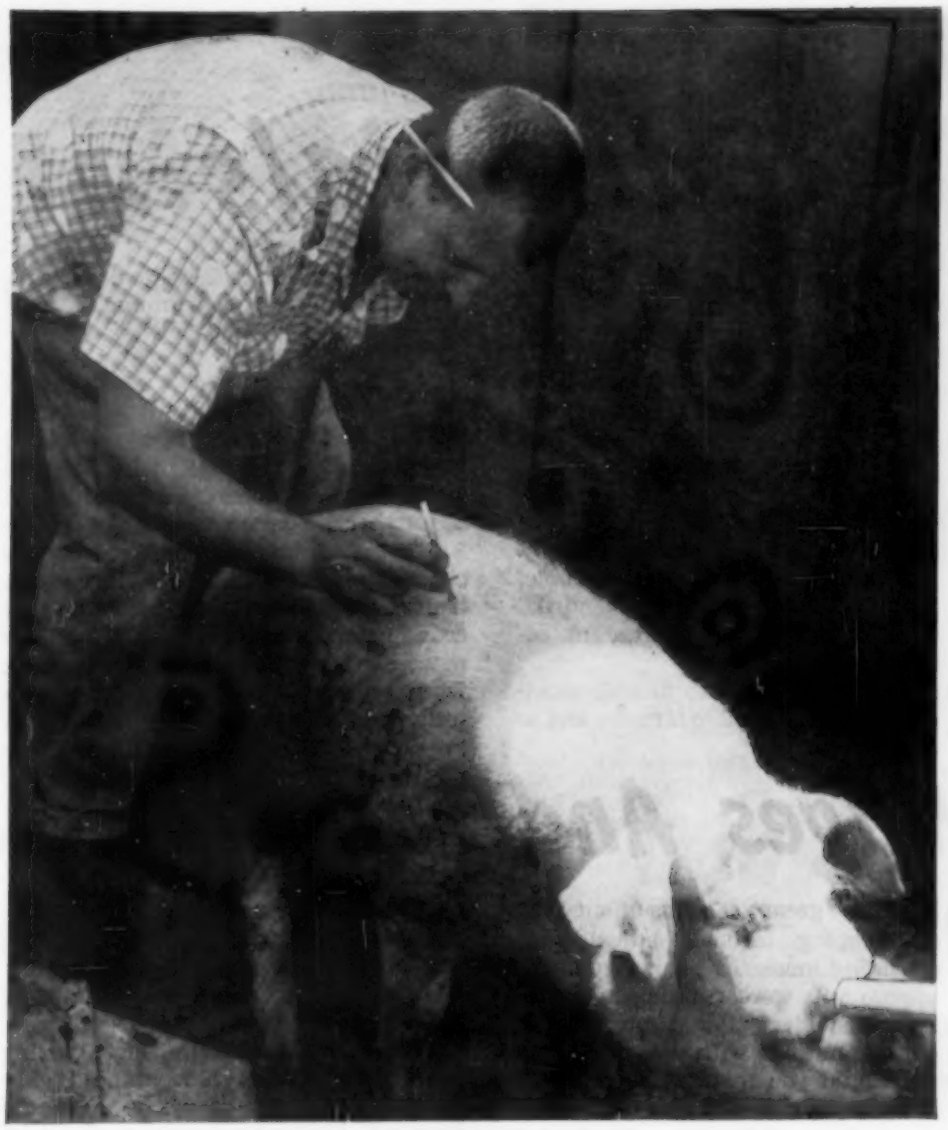
MoorMan's*

Since 1885—71 years of Friendly Service

Mintrate Super 5 for More Eggs

—one of 10 mineralized protein and vitamin concentrates that help livestock and poultry make better use of home-grown feeds.

*Trademark Reg. U.S. Pat. Off.



Takes more than just looking to find the efficient, fast gaining, meat type boars. Ralph Durham, Iowa State College hog specialist, is shown checking backfat on a boar at the testing station.

Testing station helps find

Better boars

FOR FOLKS who want to stay in the hog business, some real "eye-openers" came from the first results out of Iowa's boar testing station.

You'll recall that the testing station was set up under a board of directors elected by the Iowa Swine Producers Association. Both commercial and purebred hog raisers were represented on the board.

The station has just handled its first group of 50 entries from established boar producers. Each entry included four boars and two barrows from a single sire.

All animals were full fed the same corn and supplement ration. All were handled the same. That was to make any differences in performances really mean something.

With only part of the pens off test, there's already a story that can put more profit in your hog business.

One pen of three animals used only 256 pounds of feed to put on each 100 pounds of gain. Others took up to 319 pounds of the same feed to add the same weight.

Even 319 pounds is good feed efficiency. The same gain on an average farm probably takes 375 to 400 pounds of feed. But the difference between the top and bottom groups is important.

Here's why:

Take the pen requiring the most feed. They needed 63 pounds more feed to produce 100 pounds of pork.

At four cents per pound of feed, that's $2.50 more for each 100 pounds of gain. Or $5 a pig extra feed cost.

Could you make money with each pig costing you $5 less? You bet you could!

That's only part of the story. Average daily gain varied from 1.72 pounds to 2.22 pounds. That's a half pound a day more for the fast gainers. Both are well above the about 1.3 pounds most farmers get.

Now let's put the daily gain figures on another basis.

The slow gainers (1.72 pounds per day) would take about 80 days to grow from 60 pounds to market weight. The fast gainers (2.22 pounds per day) would be ready two weeks sooner.

Two weeks can see a lot of drop in fall hog prices.

The best news is this: You can get both feed efficiency and fast gain in the same meat type boar.

Some of the fastest gaining and most efficient boars had only 1.1 or 1.2 inches of backfat. That's the kind of sire that puts more meat on the pigs from anybody's sow herd.

In general, backfat thickness has been running about average for Iowa's commercial hogs. Same for carcass cut-out of the barrows.

"That's about what you'd expect," points out Dr. L. N. Hazel, Iowa State College hog specialist. "The hogs on test represent many of the herds that supply breeding stock used on Iowa farms."

Backfat on some boars did run well above satisfactory levels. So the bottom 25 to 30 percent in overall performance will be castrated rather than sold as boars.

Any boar left with more than about 1.5 inches of backfat will have to be outstanding in feed efficiency or rate of gain.

Tested boars in public sale

Most of the boars will be sold at a public auction. The sale will be held at eight p.m. Monday, August 6, at the Story county fairgrounds in Nevada, Iowa.

About 50 to 60 boars will be sold. Most breeds will be represented.

"Just because a boar was in the test doesn't mean that he's a good animal. This is a time to buy on the basis of records," urges Ralph Durham, Iowa State College hog specialist.

Feed efficiency, rate of gain and backfat records will be available on each boar in the sale. Also carcass measurements on the two barrows from the boar's sire.

Need a standard for comparing carcasses? Here's how a meaty carcass should add up:

1. **Body length—29 to 30 inches**
2. **Loin eye—more than 3.75 square inches**
3. **Backfat—less than 1.6 inches**
4. **Lean cuts—over 50 percent.**

If you want to remember only one of these figures, choose the percentage of lean cuts. A carcass with more than 50 percent lean cuts is usually a good one.

About backfat, you'll want to remember this: Barrows will get about 25 percent fatter than boars. So pick a boar that's leaner than you want his offspring to be—even if your sows are meat type, too.

by **Al Bull**

After Chores

When the day's work is done, who can begrudge a little trip to a nearby stream like this, for some wits-matching with fish? There's nothing like a bobbing float to take your mind off serious matters.

Editorials...

Hansen To FHA

SECRETARY Benson has reached into Iowa once again for a top administrator. This time it is Kermit H. Hansen of Mason City to head the Farmers' Home Administration.

Hanson is entering on his new job at a critical time. Emergency credit needs by farmers now are considerable, and Congress seems about to amend the FHA authority in two important respects:

To make it possible to finance existing obligations of eligible farmers and to limit the interest rate to five percent. Kermit may soon be running a very busy agency.

No Pay For This

WHEN the soil bank law was being drawn up last spring, many farmers urged the inclusion of a stop order on all further irrigation projects.

The bill, as finally passed, did not include such an order. But for three years, it does deny loans or payments on any crop in surplus supply, produced on any newly irrigated or drained land in a federal project, unless such crop was previously produced there.

Are Suckers Harmful?

DO SUCKERS hurt the yield of corn? In some localities, this year, farmers are asking that question because, for some reason, they see more of these secondary shoots than usual.

Corn men have argued about suckers for a good many years. While most people don't like to see them, there doesn't seem to be much evidence that they really hurt yields very much.

Figuring Corn Yields

SOME FARMERS have been disappointed at the so-called "normal" yield figures used by the county ASC offices in computing soil bank payments. Questions have been raised as to what these figures were based on.

To begin with, as we understand it, the Department of Agriculture at Washington used assessors' reports and any other suitable information to work out average yield figures by Corn Belt counties for the past five years (1951-1955).

They did make some allowance for unusual deviations in any one year, due to drouth, flood, insect pests, plant disease or other uncontrollable natural cause or to unusually favorable weather.

Down in the counties, the community committeemen were asked to work within the limits of their county average in setting individual farm figures, with due allowance from one farm to another for type of soil and so on.

In general, the official figures assigned to the counties look lower than what many producers believe to have been the actual yields. However, this is not a major consideration, providing the yields computed for individual farms are in a fair relationship to each other and also providing the payment rate per bushel of assigned yield is really adequate.

But if any local committee in its haste to establish yields this year paid insufficient attention to differences between farms, then they should certainly review their listing sheets again before the 1957 program is undertaken.

Wages And Farmers

ONE of the great problems of our time is keeping incomes adjusted to never-ending increases in production.

Suppose you were running a big industry and suddenly found yourself able to double output with no additional labor. Would you then cut your prices in half so your customers might take all of your larger offering, without having to skimp expenditures elsewhere?

Or would you fire half of your employees, maintain your prices and aim to sell about the same volume as before?

Or would you stand somewhere between; perhaps dropping prices only part way as far as you could afford, pocketing the difference as profit, releasing some employees and giving some increase in pay to those kept on.

Now suppose other industries were going thru the same thing.

At some point, you might begin to wonder if each of you was managing things so all of you would continue to get rid of your increased volume of goods (assuming that there was adequate desire and need for these goods).

The foregoing example, of course, is an oversimplification, because some profits (but not all) are wisely reinvested in new ventures which furnish employment for workers shifted out of other industries.

But I put it up for reflection because there are signs that American consumer income right now may not be sufficient to keep the market cleared of its fantastically large volume of emerging production. And all the while, our economy is making further large additions to plant capacity.

Even record use of instalment credit has not kept goods from piling up. Nor has the automatic cost-of-living increase given unionized workers. Millions are still outside such coverage. One might assume that buyers had gone on a spending strike, except that savings didn't show a sufficient increase either.

So we may be on the verge of trouble, notwithstanding the fairly liberal settlement which has just been reached in the steel strike and the additional adjustments which likely will follow in other industries.

This outlook is all the more vexing when one realizes how these higher wages and prices will further widen the farmers' disadvantage. Agriculture, it seems, has to depend on the trickle-down process to get better returns, and this process at present isn't working any too well.

It is hard to believe the technological advances being made all thru the U. S. economy. General Motors will soon have a machine to assemble 29,000 cylinder head parts per hour. Six men can run it. On other jobs, electronic computers perform repetitive operations 1,000 times as fast as man, with fewer mistakes.

What should all this mean to people in other occupations? Suppose you work in an industry like farming, where your gains in productivity, while impressive, still are not as great as those of an almost automatic factory.

Yet you put in as many, or maybe more, hours per day and make a full contribution to the national welfare.

Should not a rise in national production (income, really), no matter where it takes place, be reflected to some extent in your own income? In all fairness, it should.

Some day, maybe we will learn how to do this. Some people now think they see a solution in the current widening public purchase of industrial stocks. This, tho, is still far too limited to suffice. Farm people sometimes feel the solution is to bring other prices and wages down. But this just isn't going to be done. Farmers will simply have to fight for a larger share for themselves. And considering how most of them work, they will be fully justified if they rile when somebody tells them they'll not deserve a better income until they are as efficient as GM's new cylinder head assembler.

—Art Thompson

Our P. L. 480

IN 1954, Congress passed an agricultural trade development act, now generally known as P. L. 480.

Since it doesn't involve direct farmer participation, not many farmers know what is being done under this law.

But they should know that it is adding strength to farm prices at present by moving nearly $1.5 billion in surplus goods abroad. In other words, not all of the current price improvement is due to the so-called "natural forces."

Second, farmers should know that much of this export movement is not trade in the full sense of the word. And third, they should be aware of the danger that if pushed too aggressively, it could lose friends abroad as well as perhaps gain some.

Why? Because under that law, the buying nations can pay in their own money or barter other goods. In addition, the U. S. government can make outright donations of farm surpluses to domestic private welfare agencies for overseas distribution. These are trade terms that few other countries can afford. And until the monies or goods taken in exchange are converted to dollars, or used to cover U. S. expenses abroad, the transactions stand as subsidy operations. Up to now, only about 30 percent have been so converted.

This is not to suggest that American agriculture is being unduly benefited by P. L. 480, considering farm income at present and what our other economic groups are getting. But there are certain aspects that warrant a little reflection, especially since funds for next year may be doubled.

Hail damage, as usual is adding to farmers' summertime weather troubles. Above, K. L. Burge of Clay county, Iowa, looks at soybeans hit badly in early July during a nine-inch rain which fell in two hours.

At right, Ervin Harves, also of Clay county, stands in his field of corn which was hit by the same storm.

Odds and Ends . . .

. . . THE BUREAU of Public Roads estimates that one worker in seven in the United States has work directly connected with highways and motor transportation, notes a news report issued by the Twentieth Century Fund.

. . . J. C. HOLBERT of Bettendorf, Iowa, is chairman of the newly organized National Livestock Promotion Board. Two other Iowans also are on the 18-man board; J. M. Steddom of Granger, representing the National Swine Growers Council and Roy Warrick of Oskaloosa, representing the National Sheep Association. The Board will first press for national legislation to provide for deductions from livestock sales to finance meat promotion.

. . . WERE YOUR farming profits up 15 percent for the first five months of 1956 compared to 1955? If so, you did as well as the nation's industrial corporations.

. . . THIRTY-THREE COUNTRIES of the world are supporting wheat prices this year. Supports range from $1.18 per bushel in Argentina to $4.04 in Finland.

. . . FARMERS probably are doomed to unfavorable prices for some time to come, says the Canadian Federation of Agriculture. This is because they find it difficult to control their total output and because there is a larger measure of free competition prevailing in agriculture than in other major industries.

. . . ON AUGUST 1, the U. S. Department of Agriculture began paying subsidies to cotton textile exporters, to make up the difference between domestic cotton prices and the cut-rate prices at which cotton goes to foreign mills. Domestic cotton prices recently have been about 10 cents per pound above the outside market.

. . . A BRITISH hog breeder used x-rays to increase the average body length of his market animals by 4½ inches in two years. How? By making a rib count on young pigs with 15 teats or more at seven weeks of age. If the animal had the higher-than-average number of 16 pairs of ribs, it was kept for breeding purposes.

. . . BECAUSE it favored a broader social security program, the soil bank plan and foreign aid, L. E. Read, president of the Foundation for Economic Education, says the Eisenhower administration is "socialistic." Read would have the government abandon tariffs, income taxes, price controls and even postal service.

Song of the Lazy Farmer

I SEE some scientific man, surprisingly, has said we can get help to solve our surplus mess if all fat folks would just eat less. The reason is that excess lard makes hearts and bodies work too hard, so people who are overweight will often meet an early fate and thus don't last near long enough as customers for farmers' stuff. It's true that in the time they're here the tubby ones buy more each year, but that's a temporary boon because they reach the end too soon; so long-lived, normal eaters are our better customers by far.

There's two things wrong, it seems to me, with this new-fangled theory. For one thing, it would be too late to help me much if I must wait while dieters gain extra years in which to eat more hogs and steers; I'd be ahead, it seems to me if folks got fatter currently. Besides, if we should advocate that lots of folks should lose some weight, we'd selfishly hurt people that earn livings off of excess fat. I know Mirandy'd spend much less if she could wear a smaller dress, and look at all the stuff she buys to squeeze her torso down to size!

"A full-time president is what I'd call him," said Lester Sampson of Clay county, Iowa. Sampson's corn was looking good when photo was made.

What about Ike's health?

Farmers say health will be campaign issue. Many also think Eisenhower qualifies as a "full-time president."

DO IOWA farm people think President Eisenhower's health will be a campaign issue? "Yes" is the answer of 70 percent.

But do they believe that Ike's health makes him a part-time president? More say "No" than "Yes."

Most Republicans think the president's health is an issue that won't hurt his chances of election. Most Democrats think it will hurt him.

The Wallace-Homestead Poll asked: "Do you think that President Eisenhower's health will be an important issue in the 1956 campaign?"

Farm people answered as follows. Eisenhower voters in 1952 are listed as Republicans; Stevenson voters as Democrats. The total includes those who did not vote in 1952 as well as Republican and Democratic voters of that year.

	Rep.	Dem.	Total
1. Yes	70%	74%	70%
2. No	19	15	18
3. Undecided	11	11	12

Men and women voted about the same way. So did farm people of different ages. Altogether there was surprising agreement that health would be a campaign issue.

Some farm people, like a woman in Ida county, said: "The Democrats are going to make health an issue."

Another woman in Kossuth county added: "The Democrats are going to make it an issue, but I don't think it should be."

To find out whether the health issue would hurt the president's political chances, the Wallace-Homestead Poll asked:

"Some folks in Washington say that the president's health is making him a part-time president; others say he is discharging all the duties of his office and is a full-time president. Which view do you take?

"1. Ike is a full-time president.

"2. He's a part-time president.

"3. Not sure."

On this question, Republicans and Democrats split sharply. Here are the replies:

	Rep.	Dem.	Total
1. Full-time	56%	18%	46%
2. Part-time	24	66	34
3. Not sure	20	16	20

Most of the "full-time" voters are for Eisenhower's re-election. And most of the "part-time" voters lean to Stevenson.

A Story county farmer insisted: "I say he's a full-time president. The rest of them took a lot of vacations too."

But a woman in Washington county commented: "I think he's a part-time president. The news has made too much of what he has been doing, and I'm suspicious. I don't think he's doing that much."

Age groups voted differently on this issue. Older farmers, perhaps with more experience of the disadvantage of age, were more inclined to say "part-time" than younger farmers.

	Age 20-34	Age 35-49	Age 50 and over
1. Full-time	50%	46%	42%
2. Part-time	28	32	42
3. Not sure	22	22	16

"I don't think Eisenhower should run," said a farmer in Madison county. "Of course, he's a part-time president. I'm a Democrat and so may be prejudiced. Maybe I'd feel better about him if it rained."

A woman in O'Brien county said: "I think Ike's doing a good job. We can all expect to be sick once in a while."

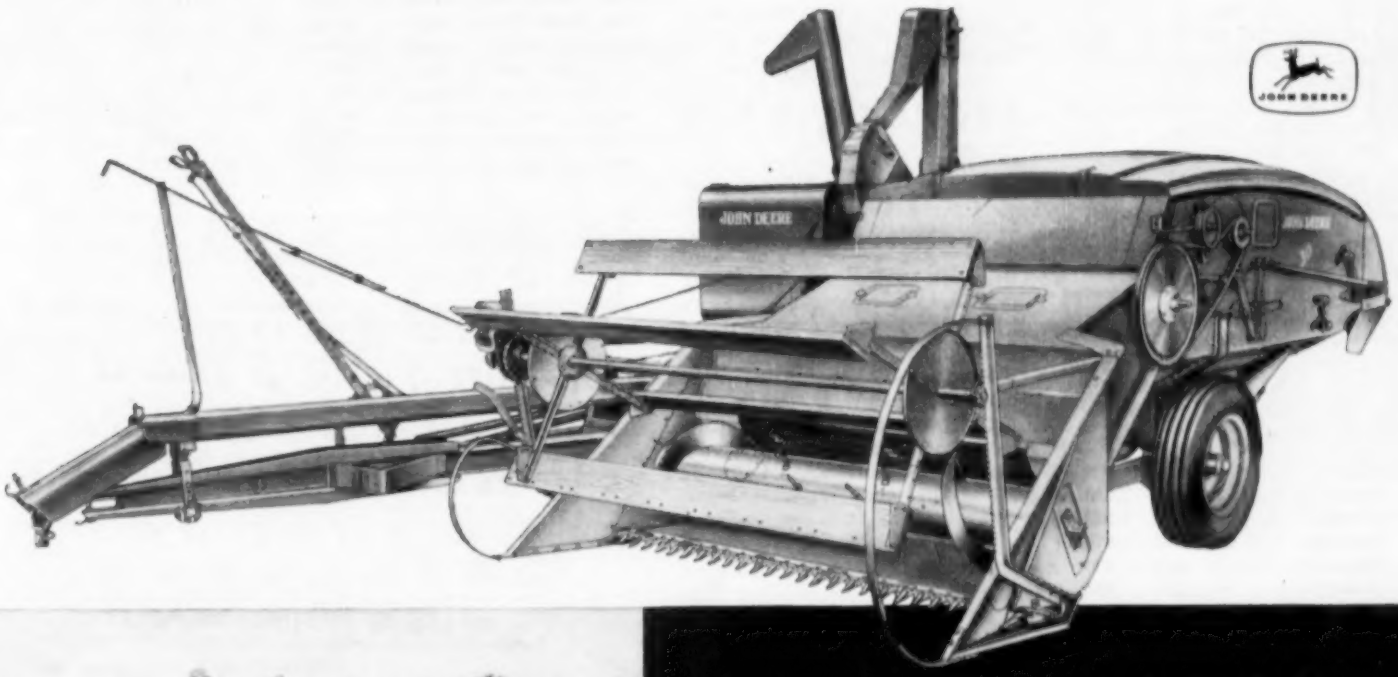
Of those who think Eisenhower is a full-time president, 78 percent would vote for him in November. Of those who think he is a part-time president, only 22 percent would vote for him.

How do Iowa farmers now expect to vote if Eisenhower and Stevenson again run against each other? Turn to page 18 for a report.

A WALLACE-HOMESTEAD POLL

End Canvas Troubles and Uneven Feeding

in Bushy Soybeans and Tall Weeds...



USE THE NEW JOHN DEERE 30 COMBINE

with Auger Platform

HERE'S mighty good news for soybean growers. Now you can eliminate canvas troubles for good . . . get smooth, even feeding in the heaviest-yielding crops . . . "walk" right through tall weeds. The new two-row John Deere 30 Combine with 7-foot auger platform and new Even-Flo feed is more than a match for these tough conditions—it saves more and cleaner beans from every acre.

You Get Good Threshing at All Times with the 30

The new auger-platform and new saw-tooth steel feed conveyor move your beans to the cylinder of the 30 in a smooth, even flow. This means that the cylinder is always up to proper threshing speed. There is no slowing down in heavy material —no speeding up in light spots.

You get up to 90 per cent separation in the threshing area of the 30. This prevents overloading the separating rack—prevents loss of beans from improper separation. It also reduces the possibility of damage to the beans by the cylinder action.

You'll Like the New 30 Combine

You'll like everything about the new 30 Combine. You'll like its fine-line adjustments . . . its big 25-bushel grain tank which empties on the go or standing . . . its outstanding flotation for loose or muddy fields. Above all, you'll like the economy you get in the 30, thanks to its rugged construction.

See the new 30 Soybean Combine at your John Deere dealer's soon—get one for this year's harvest.

SEE the complete line of big-capacity John Deere Combines at your John Deere dealer's. There's one to fit every need—the big 12- or 14-foot 55 . . . the 8- or 10-foot 45 . . . and, of course, the new 7-foot 30—all lead their class for good work and dependability.

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Where do hogs come from?

Five states raise more than half . . . In Iowa, Pottawattamie is leading hog county

ABOUT one hog in each five produced in the U. S. comes from Iowa. This year's total farrowings are expected to be about 18.8 million head compared to 88 million for the nation.

The first five states in hog production are Iowa, Illinois, Indiana, Missouri and Minnesota in that order. These five states together produce about 55 percent of the nation's hog crops.

Here's the way the five states compare in number of sows kept for spring and fall pigs in 1956. Fall sows are from farmers intentions expressed in the June Pig Crop Report. Numbers indicate thousands.

State	Spring	Fall	Total
Iowa	1,701	914	2,615
Illinois	930	653	1,583
Indiana	571	505	1,076
Missouri	503	431	934
Minnesota	568	298	866

If you're an Iowa hog raiser, you may wonder what counties in the state produce the most hogs.

The map on this page shows how the counties compare in hog production. Figures are number of hogs and pigs on farms January 1, but they accurately show the relative size of the counties' hog production.

Pottawattamie county in southwest Iowa appears to be the biggest hog producing county with 131,000 sows for 1956.

Next in order is Sioux county in northwest Iowa. Third is Clinton county in eastern Iowa.

Other big hog producing counties with 100,000 or more sows to farrow as a total this year are Plymouth, Benton, Crawford and Jones.

You'll note from the map that big corn producing counties are not always big hog producers. Hog production is comparatively light in Pocahontas, Calhoun, Humboldt and Webster counties.

Hog production is also comparatively low in the southern Iowa counties. Drouth has been a factor there in reducing hog production in recent years.

But hog numbers are surprisingly high in the counties of the northeast dairy region. Farmers in Winneshiek, Dubuque, Clayton and Fayette counties produce more hogs than do farmers in many counties where total corn production is higher.

Records show that 11 counties in this northeast Iowa dairy region actually have more hogs on farms than they had in 1951 or 1952. Last peak in hog production came in those years.

Counties included in the area making the increase were Allamakee, Black Hawk, Bremer, Chickasaw, Clayton, Delaware, Dubuque, Fayette, Howard and Winneshiek.

All other regions of the state now have fewer hogs on farms, as indicated by January 1 figures, than they had in 1951 and 1952.

Thus there appears to be a trend toward more hog raising in the counties where dairying is emphasized. One reason may be that drouth has been less serious there the last few years. And unfavorable prices for dairy products may have been a factor.

For the future, hog production can be expected to increase relatively in the southern Iowa counties when rains bring regular corn crops again. But further increases are less likely in the dairy region.

In the cash grain area of central and northwest Iowa, hog production is more sensitive to the corn-hog price ratio than it is in other areas. Farmers there are better fixed to seal corn as an alternative to hog production.

So hog production in that area will probably continue downward until hog prices gain on corn prices.

Hogs and pigs on Iowa farms January 1 are shown by numbers in each county. Figures are rounded to nearest thousand and ciphers left off. Hog production ratings are accurately shown by January 1 totals.

THIS IS THE STORY *that brought Farm*

A Better

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IN SCIENTIFIC TESTS on more than 450 pigs at the Walnut Grove Research Farms, the new "4x4" AUTOMATIC PIG *Weaner and Grower* cut costs by $1.32 per pig . . . saved 13 days in bringing pigs to 75 lbs. . . . saved 26 lbs. of feed per pig . . . saved 40 lbs. of feed per 100 lbs. of gain!

Costs and Results Are Guaranteed!

The *average cost* of producing a 75 lb. pig on the "4x4" AUTOMATIC PIG program at Walnut Grove Research Farms was $6.71—including all grain fed! You can achieve similar results in your own feed lot . . . produce *better pigs* at lower costs than you ever thought possible! In fact, Walnut Grove *guarantees* that your average cost per 75 lb. pig will not be over $9.50—or Walnut Grove will supply enough additional feed *free of charge* to bring your pigs to this weight!

Ask your Walnut Grove representative to show you a copy of this guarantee, then reserve your supply of Walnut Grove's new AUTOMATIC PIG *Weaner and Grower* now! Remember—pepsin, the amazing enzyme that makes these results possible, is in short supply, *and this guarantee is limited to the first half-million pigs fed on the new "4x4" AUTOMATIC PIG program!*

Workday pointers

DRINKING CUPS for calves should not be more than 20 inches from the floor, measuring from the top of the cup. Feed boxes should be at the same height.

▼ ▼ ▼

PAINTING SEASON lasts from now until temperature gets below 50 degrees. But painting should be done only when boards are perfectly dry.

▼ ▼ ▼

TREE WOUNDS should be smoothed up and treated at once to prevent permanent tree injury. Special paints are made and sold for this purpose.

▼ ▼ ▼

WATERERS for growing pullets should be kept in a shady spot and scrubbed every day, say Purdue University poultry specialists. Daily scrubbing prevents formation of germ-harboring slime.

▼ ▼ ▼

BURNETT OATS will be released to certified seed growers in the Corn Belt next spring. Some seed should be available generally to farmers in 1958. The new variety is said to be resistant to all prevalent races of crown and stem rust, Victoria blight and smut.

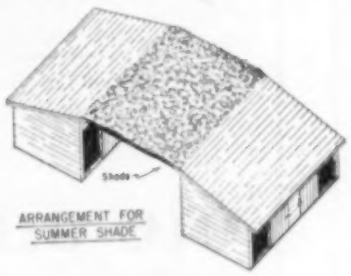
QUICK COOLING protects milk quality. Milk can be cooled to 50 degrees in one hour if cool water is used at the ratio of two gallons water to one of milk. And if the water is kept agitated.

▼ ▼ ▼

HIGH TRACTOR SPEEDS are dangerous when ditches are near. Even ditches at the side of the road are a hazard. In one state, one-third of all fatal tractor accidents occurred on the public roads. Slow down your tractor when ditches are near or heavy traffic attracts your attention.

▼ ▼ ▼

SUMMER SHADE for pigs can be made in the manner shown here. Bridge between two small hog houses with 2x4s, covered



ARRANGEMENT FOR SUMMER SHADE

with woven wire. Put on six inches of straw and another covering of woven wire. Then pigs have both shade and shelter.

TERMITES in your buildings call for control measures. But the termites will not eat up your house overnight. Get estimates on the job from several reliable operators. There are some unscrupulous operators in this field.

▼ ▼ ▼

GRASSED WATERWAYS are improved by mowing, say Indiana conservationists. And sometimes they'll make a crop of hay or silage.

▼ ▼ ▼

DAIRY CALVES will do best with just one calf to a pen until milk or milk substitutes are discontinued.

▼ ▼ ▼

FATTENING CATTLE as well as hogs will make fastest gains when fed in a cool place. Shade and access to breezes are important. In California experiments, cattle gained an extra pound a day when fans were used to keep them cool.

▼ ▼ ▼

MILK PRODUCTION is certain to go down if cows lack water. Cow in heavy production, may drink 20 to 25 gallons per day.

▼ ▼ ▼

EXTRA 2,4-D on Canada thistles doesn't make a better kill than an ordinary dose. Too much chemical applied will kill the tops before the poison gets to the roots. Slow kill does the best job. Follow directions on the container.

▼ ▼ ▼

FIRST AID KIT and first aid handbook should be placed in the glove compartment of your car before you start on a long trip. Then leave them there for the short trips around home.

PRUNING SWEET POTATO vines can reduce yields. Carbohydrates are manufactured in the leaves and move to the roots.

▼ ▼ ▼

AVOID INHALING any kind of insecticide, weed killer or bin fumigant. Remember they're made to kill.

▼ ▼ ▼

POULTRY HOUSES are not weasel-proof if there's a hole one inch in diameter. Mink can

enter thru a hole one and one-half to two inches in diameter. Hardware cloth can be used to keep predatory animals out.

▼ ▼ ▼

CARRY A LIGHT or wear a white shirt when walking on a country road at night. Drivers often fail completely to see dark objects at the side of the road.

▼ ▼ ▼

BIG LOSS in the dairy business comes from failure of cows to breed promptly. Wisconsin dairy specialists say you lose a dollar for each day's delay after the cow should be with calf. Some of this loss can be saved by watching closely for signs of the heat period. Records of calving dates and heat periods will help.

Editors and Writers from all over the U.S. to Walnut Grove Research Farms!

Way to Raise Pigs

—the amazing Enzyme that makes Early Weaning **AUTOMATIC**

YOU READ ABOUT PEPSIN in Farm Journal . . . Wallace's Farmer . . . Des Moines Register . . . other magazines and newspapers . . . *now you can actually use pepsin-fortified feeds for your own fall pig crop!*

Dr. Damon Catron, who with his associates at Iowa State pioneered the use of pepsin, says it will be "as revolutionary in pig nutrition as stilbestrol has been in cattle feeding." Farm Journal calls pepsin the "biggest nutritional discovery since antibiotics." And Iowa hog feeders who were given experimental supplies of Walnut Grove's new pepsin feed last spring say they never had such good luck with pigs!

BUT—*supplies of pepsin are limited!* It is estimated that pepsin now available will not feed more than one out of 10 of the pigs due to be farrowed this fall. So see your Walnut Grove representative *NOW* —be the *first* in your area to try this *better way to raise pigs!*

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Atlantic, Iowa *West Liberty, Iowa*

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Agricultural Ammonia

Successful farmers agree on fall application of nitrogen

"It's wise to apply Agricultural Ammonia to fall-seeded grains and improved pastures this fall. You'll get greater carrying capacity, longer grazing, and more beef per acre at lower cost per pound gained."

Apply Nitrogen this Fall?

Yes. Fall application of nitrogen can pay off many ways. Now, it's even a better bet if you choose Agricultural Ammonia for your nitrogen. Here's why: ammonia sticks to clay particles and organic matter in the soil—it resists leaching and *stays put* to feed crops next year. But that's not all . . .

Goes in deep—stays put for next year's crops.

Nourishes bacteria that decay crop residues.

When you apply Agricultural Ammonia to corn and sorghum stalks, grain stubbles and other residues, you actually stimulate the soil organisms that help decompose such residues. This releases extra nutrients for your next crop—and improves soil tilth.

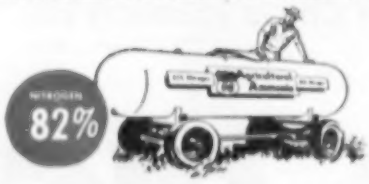
Of course, here's the big pay off: Agricultural Ammonia increases profit per acre and lowers unit production costs. Experience shows that this can be done as well with fall application, as it can in spring. Also, with fall application, you get this important chore out of the way ahead of the big spring work load. Thus weather conditions need not interfere with the *proper time* of application.

For the nitrogen *your* crops need this fall—remember, Agricultural Ammonia contains 82% nitrogen, giving you more nitrogen per dollar than any other nitrogen fertilizer.

"For more profit per acre, and lower unit production cost, see your local dealer about Phillips 66 Agricultural Ammonia, the 82% nitrogen fertilizer."

PHILLIPS 66

AGRICULTURAL AMMONIA



Apply Phillips 66 Agricultural Ammonia by injection or by metering into irrigation water

PHILLIPS CHEMICAL COMPANY

A Subsidiary of Phillips Petroleum Company, Bartlesville, Oklahoma

Undecided on presidential vote is W. C. Utz of Wright county, Iowa. Eighteen percent of the farm men interviewed said they hadn't made up their minds yet.

Vote on Ike, Adlai

Right now, Iowa farm people lean to President Eisenhower

IF THE presidential election were held today, how would Iowa farmers vote? The Wallace-Homestead Poll asked this question:

"If President Eisenhower runs against Governor Stevenson for president, how do you think today that you'd vote?"

Interviewing was completed July 3 on this survey. So farmers had in mind President Eisenhower's operation. They were pretty sure Ike would be the nominee. They weren't as sure that Stevenson would be named by the Democrats.

One Kefauver supporter insisted he wouldn't vote for either Eisenhower or Stevenson. A substantial bloc of Kefauver farmers may not decide which way to go until later.

Eisenhower voters in 1952 (Republicans) and Stevenson voters in 1952 (Democrats) split up like this in the current poll:

	Rep.	Dem.	Total
1. Eisenhower	71%	5%	49%
2. Stevenson	10	76	32
3. Undecided	19	19	19

Eisenhower has a big margin, but not as big as in 1952. And the undecided vote is still large.

Men and women vote about the same way. So do farm people of different ages. So do Farm Bureau members and non-members.

Altho a majority of farmers think they'll get a better deal on farm income from a Democratic administration, this conviction hasn't started a rush to Stevenson. Balancing this is the belief of many that the Republicans offer the better chance of avoiding another war.

President Eisenhower's health may turn out to be a more important issue than any other. The following table shows the way in which belief as to whether Ike is a full-time or a part-time president is related to voting.

Voters in the first column think Eisenhower is a full-time president. Voters in the second column think he is a part-time president.

	Full-time	Part-time
1. Eisenhower	78%	22%
2. Stevenson	11	51
3. Undecided	11	27

Since nearly half of Iowa's farm people think Ike is a full-time president, this gives him an edge. The more folks who are optimistic about the president's health, the bigger his vote is likely to be. And the more pessimists, the bigger the vote for Stevenson.

"I think I'd vote for Stevenson," said a farmer in Cerro Gordo county. "In the president's condition, we shouldn't take a chance on electing him again."

"I'm a Democrat," said a woman in Webster county, "but I like Ike. I think he is one of the most conscientious presidents we ever had."

The Wallace-Homestead Poll will continue to report on how farmers look at candidates. In later issues, watch for reports on governor and senator.

new principle termed greatest advance in mastitis treatment in nine years!

new Teatube*-CORBIOT

Combining, *for the first time,* HYDROCORTISONE and triple antibiotics to stop *both* the inflammation and infection of mastitis!

In CORBIOT, the powerful inflammation-relieving action of hydrocortisone is combined with the well-proved germ-killing action of *3* antibiotics. This is the first time such a combination has been made available to the nation's dairy farmers. Forty-four scientific investigators in agricultural colleges, veterinary schools, and on farms have worked with CORBIOT for more than a year and a half, thoroughly testing and proving its effectiveness.

CORBIOT is the *only* mastitis product which has *both* hydrocortisone to control the inflammation and antibiotics to control the infection. Together, they add up to *the only remedy designed for total treatment* — to help save the udder for continued full production.

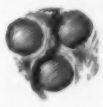
In tests at a leading university, *one dose* was sufficient to clear up streptococcic mastitis in 82% of the cases. GET A SUPPLY OF TEATUBE-CORBIOT FROM YOUR DRUGGIST OR VETERINARIAN.

HOW CORBIOT PRESERVES MILK-PRODUCING CAPACITY

Each quarter of the cow's udder contains thousands and thousands of tiny milk-producing glands called *alveoli,*

which are connected to each other by openings and ducts.

The alveoli are generously supplied with blood through small blood vessels running in the loose tissue between the alveoli.



Milk is made from the ingredients brought to each alveolus by this blood supply.

In mastitis, germ infection in the alveolus is almost always associated with *inflammation* of the tissue between these small glands. If this inflammation is not promptly checked, it may lead to scarring of the tissue, which blocks the blood supply, and in this way permanently reduces the milk-producing power of the infected udder.

HYDROCORTISONE is the most powerful of the natural steroid hormones against inflammation. Each Teatube-CORBIOT contains a full 20 mg. of hydrocortisone acetate. The carefully designed combination of 3 potent antibiotics (PENICILLIN, NEOMYCIN, and POLYMYXIN) gives assurance of effective attack against *all* of the germs commonly associated with mastitis.

no other mastitis product on the market contains hydrocortisone to preserve the milk-producing capacity of the udder!

Teatube*-CORBIOT*

Available in 10 Gm. tubes

*TRADEMARK, REG. U. S. PAT. OFF.

Your veterinarian is your first line of defense against animal diseases. Consult him in regard to your animal health problems.

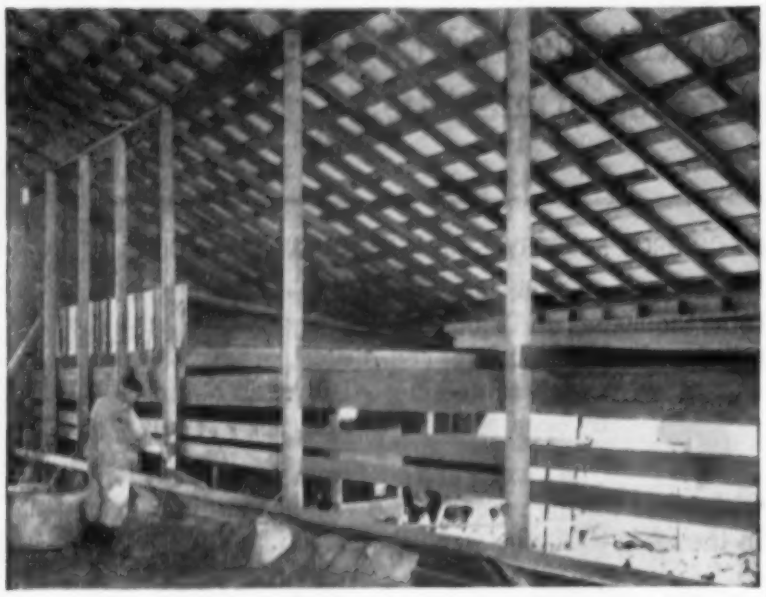
a product of Upjohn research

VETERINARY SALES DEPARTMENT, THE UPJOHN COMPANY, KALAMAZOO, MICHIGAN

DOW

PENTA*

protects wood year after year...
saves labor and replacement costs



POLES
for buildings

This 50' by 60' combined cattle and feed shed was built on PENTA-treated poles† on the farm of Sam Gibbs near Industry, Kansas. The structure holds 5,000 bales of hay and will feed 40 head of cattle. Poles serve as foundation, studding and roof support. *PENTAchlorophenol prevents rot and termites . . . assures a sturdy, permanent building.

POSTS
for fences

PENTA pressure-treated posts† last years longer because they're protected against termites and rot. PENTA-treated posts are clean and easy to handle, even on hot summer days. They can be painted, too, after a few months in the ground. These PENTA 6" split posts are on the farm of Burrell Lamb, Atlanta, Missouri.

†For your own protection, buy from your local dealer who handles poles and posts that meet Government Specification TT-W-571.

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THE DOW CHEMICAL COMPANY
Dept. PE980N, Midland, Michigan

Name _____
Rural Route No. _____
Town _____ State _____

Please send me, without cost or obligation:
☐ Booklet "PENTA Pressure-Treated Farm Posts".
☐ Information on low-cost PENTA-treated pole buildings.
☐ I am interested in pole buildings for _____

you can depend on DOW CHEMICALS DOW

Not much carryover here. Archie Barton of Randolph county, Mo., is shown applying 250 pounds per acre of 13-13-13. Rate is too light for much carryover.

Make soil tests last longer

Soil tests should stretch thru an entire rotation. Here's how to make them last

SOIL TESTS don't wear out—not quickly anyway.

William F. Bennett, Iowa State College agronomist, says soil tests can—and should—be used thru an entire rotation.

Many farmers even set up a rotation plan of sampling. They sample each field as it goes out of sod into corn. Some prefer to sample just before seeding.

Bennett prefers sampling each field as it goes into first-year corn. He lists these advantages:

1. Corn is the high profit crop. So corn should get the preference on fertilizer. Carryover from the corn fertilizer can supply some of the needs of crops that follow.

2. You can do a better job of sampling. It is easier to detect slopes, drainage and degree of erosion when the field is in sod.

3. Any lime applied has time to level off the soil acidity before a seeding is started.

Suppose you'd like to get a fertilizer recommendation for each crop to be grown in the rotation. It's easy. On the soil sample information sheet which you get from the county extension director, show the crops that will follow in the rotation.

Then you'll get recommendations for each crop.

But these recommendations will not take into consideration fertility to be applied as manure. Or carryover from fertilizer applied after the soil test.

You will want to consider these items. They may let you cut down on fertilizer applications.

On the average, a ton of manure contains about 10 pounds of nitrogen, five pounds of available phosphate and 10 pounds of potash. Usually, about half of the nitrogen and phosphate is available for plants the first year.

You can figure on 15 to 35 percent carryover of nitrogen fertilizer into the second year. Figure 30 to 60 percent for phosphate. And 40 to 60 for potash. If response was small the higher figures may be better.

Don't count on much carryover when less than 40 pounds of each plant food is applied.

Here's how to figure the amount of fertilizer you need after the first crop:

Take the fertilizer recommendation from the soil test results. Subtract the amount of fertility added thru manure and carryover. The remainder is what you should apply.

Tho samples can be taken any time when the soil is not frozen, most samples are taken in the fall.

Bennet lists four advantages for taking samples early in the fall:

1. You generally have more time to do it.

2. You can do a better job.

3. You will get test results back early.

4. You can order fertilizer early. This makes sure you get the kind you want. And you can often get a discount in the fall.

So this is a good time to take soil samples. And to start your rotation sampling plan.

Lots Of Farmers Spray Hoppers

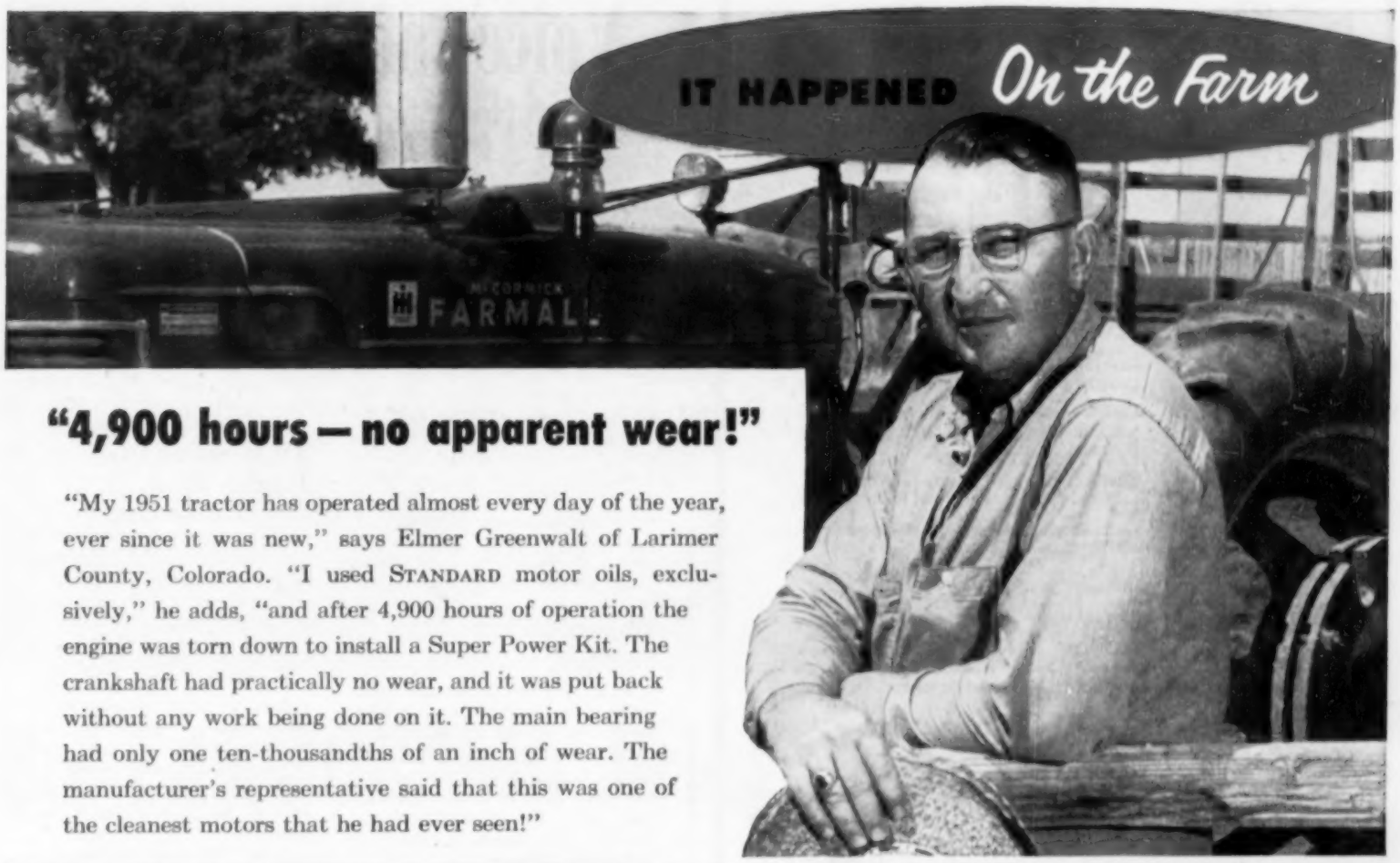
More than 90 percent of the farmers in some Iowa counties have sprayed for grasshoppers this year.

That report comes from Dr. Harold Gunderson, entomologist at Iowa State College.

Results of spraying hoppers with recommended chemicals are described by Gunderson as "actually amazing."

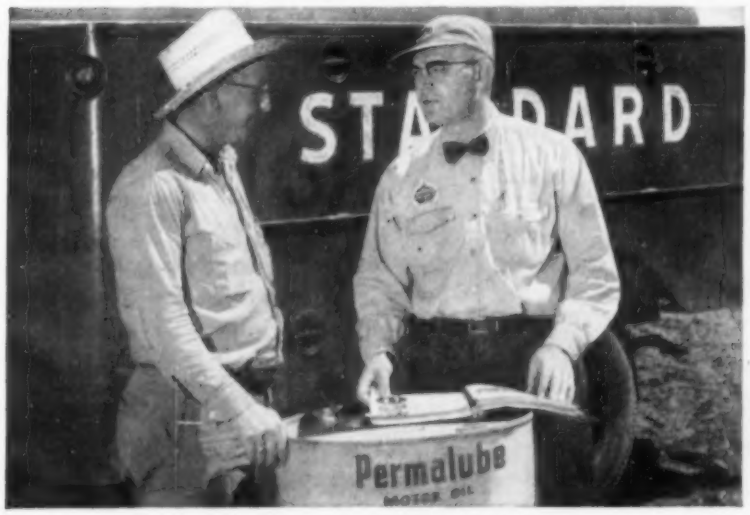
Farmers also have reported that the number of hoppers is noticeably lower in areas which were sprayed last year.

CHICKENS which have been vaccinated for bronchitis produce antibodies in their eggs which prevent the runny-nose type colds in people eating the uncooked eggs, reports a doctor in New York. If this is true, it may be that hens will lay eggs which contain antibodies for preventing one or maybe several types of diseases. No doubt this will be one field of preventive medicine which will be studied thoroly in the near future.



"4,900 hours — no apparent wear!"

"My 1951 tractor has operated almost every day of the year, ever since it was new," says Elmer Greenwalt of Larimer County, Colorado. "I used STANDARD motor oils, exclusively," he adds, "and after 4,900 hours of operation the engine was torn down to install a Super Power Kit. The crankshaft had practically no wear, and it was put back without any work being done on it. The main bearing had only one ten-thousandths of an inch of wear. The manufacturer's representative said that this was one of the cleanest motors that he had ever seen!"



"I save two ways with STANDARD Motor Oil," says Mr. Elmer Greenwalt, shown here ordering his next year's supply of PERMALUBE from Standard Oil Agent Harold Busch. "I cut down on repair bills and I also save money on the purchase price because I buy on Standard's Preferred Customer Savings Deal. I figure I *can't afford not* to buy this oil, this way!"

Elmer Greenwalt shows Agent Busch part of his herd of 210 cattle. He also raises about 1700 sheep on the 240 acre farm which he took over from his father 16 years ago. "Harold Busch has taken care of my petroleum needs for 16 years and he supplied my father, before me. His service, and Standard Oil products, are 'tops'," says Mr. Greenwalt.

Right now is the time to order your year's supply of motor oils, greases, sprays and other farm and home supplies. Get in on the savings that you get with Standard's Preferred Customer Savings Deal. You can save up to 20%!

SEE YOUR STANDARD OIL AGENT, REAL SOON!

Save on Super PERMALUBE, too. It's made to order for the short hauls and trips to town that make up such a large part of farm motoring. Cuts friction drag so much you get up to 34.4 extra miles per tankful of gas! Cuts oil consumption, too.

You expect more from STANDARD and get it!

QUALITY PRODUCTS • FRIENDLY SERVICE • DEPENDABLE DELIVERY

-CH-1573-

Easiest, quickest way known to

kill flies

Just scatter it lightly as you walk

ORTHO Fly Killer Dry Bait

Easy to use. No mixing. No measuring. No equipment. Treats average-size barn in 5 min.

Useful. Controls DDT resistant and non-resistant houseflies around sheds, barns, stables, pens and coops.

Effective. Flies can't devour 1/16" granules, but feed and die. Leave granules to bait other flies.

Economical. Only one-quarter pound covers 500 sq. ft. of feeding area.

ECONOMY Sizes Available—ORTHO Fly Killer Dry Bait is packed in 5-lb. bags and 25-lb. drums. Also in 1-lb. handy size shaker can.

Contact Killer **ORTHO Fly Spray**

Fast Knock-Down. Fast-acting power on flies, mosquitoes, gnats, fleas, clothes moths. Controls these pests inside house, in yard, on porch or patio.

Thumb-control atomizer-type spray on can gives heavy killing mist.

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California Spray-Chemical Corp. Executive Offices: Richmond, Calif. • Washington, D.C.
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ON ALL CHEMICALS, READ DIRECTIONS AND CAUTIONS BEFORE USE.

KILL Canada Thistle

AFTER HARVESTING

WHEAT ALFALFA BARLEY
RYE OATS CLOVER PEAS

with

WEEDAZOL®

(The Aminotriazole herbicide)

The most effective chemical known for killing Canada thistle without sterilizing the soil.

Spray Canada thistle plants which have been mowed to ground line or plowed and have regrown to height of 6-8 inches up until bud stage.

SEE YOUR DEALER TODAY. FREE BULLETIN ON REQUEST.

AMERICAN CHEMICAL PAINT COMPANY
Agricultural Chemicals Division • Niles, Calif. • Ambler, Pa.
Originators of Aminotriazole Weedkillers

Voice of the farm

Are Gardens Worth While?

To the Editor: I feel that farm women have allowed themselves to be tied to a hoe too long in their farm gardens. Few need the exercise with all the other things to be done. Husbands are too busy to be bothered with the garden. In an average year, an extra acre of corn or an extra cow or so milked would bring in enough to buy all the vegetables the average garden yields.

With grasshoppers and drouth, I wonder if farm gardens are worth while.—Mrs. J. M., Lineville, Wayne county, Iowa.

Objects To Fat Sausage

To the Editor: In all the butchering done on the farm, I have never seen any sausage that looks like the stuff they sell across the counter. We butcher the same kind of hogs which are sold, and even if we butcher a fat one, the sausage is never like the store sausage.

If there was some way to keep the packers from grinding a lot of extra lard into the natural sausage meat, I bet you could buy mighty good sausage at the counter.—W. G., Henry county, Illinois.

Her Son Is Poor Reader

To the Editor: I am a busy farm mother with three children—six, seven and nine. I love to read. And I hoped to develop that habit in my children. From the crib on, they have had children's books and a good child's magazine. I also spent a great deal of time reading to the children.

Last winter, I discovered that my oldest child hated reading. And I recalled that he never did any supplementary school reading without a lot of urging.

The plain fact was that my son didn't like to read because he didn't know how.

I agree that I should have been more observing. I had left the teaching of my child to the teachers. And they hadn't gotten the job done. . . .

I know of one school that has hired an extra teacher for next year to give special phonics and reading instruction—because the school was turning out too many poor readers. . . .

Some teachers and some schools are taking up the idea of teaching phonics again. But far too many aren't.—Mrs. Delbert Spears, Daviess county, Missouri.

All Members Of Human Race

To the Editor: I wonder where X. X. (in the June 2nd issue) gets the idea that it is a sin to mix with people of other races.

The Bible teaches that we are all descendants of Adam—therefore all are members of the same race, the human race.

As to why there are different colors of skin among us, isn't that merely a matter of more or less pigmentation—added or lost thru generations of living in certain environments?—Mrs. Henrietta L. Kroll, Woodbury county, Iowa.

Teach Love For Reading

To the Editor: Today's children won't remain scholars forever. Neither will the teacher always teach. We need to instill in a child the love of reading and writing that will carry him thru all his years.—Mrs. Alfred Boeckman, Bremer county, Iowa.

Another Use For Cobs

To the Editor: Since it is almost government corn shelling time, I thought I could pass on a suggestion for those cobs that are not used for bedding or plowed under.

Spread cobs not less than two feet deep—three feet is better—on your thistle patches. When this is burned off, it will kill the patch with one try. The object is to cook the ground, not merely burn off the top.

Contrary to popular belief, this does not hurt the ground.—Lee Welch, Webster county, Iowa.

Mud-Road Mac

"Okay, I'll go thru my load of mail again. But I'm quite sure there is no invisible, secret code message from the Invincible One, the Chief Pilot of the Interplanetary Sky Rangers!"

Uni-FARMORAMA brings you...

1. America's *newest* way to farm

2. Tomorrow's farm machinery today

3. Fun and entertainment for your whole family

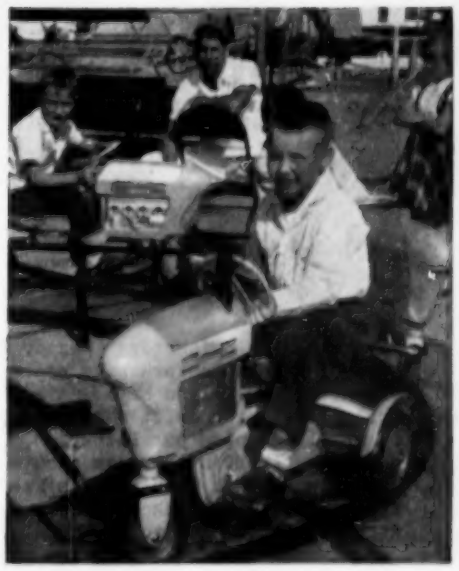
Want to see new—really new—farm machinery? And have a good time while you're doing it? Then Uni-FARMORAMA is for you.

Uni-FARMORAMA is sponsored by Minneapolis-Moline and brought to you by your friendly Minneapolis-Moline dealer.

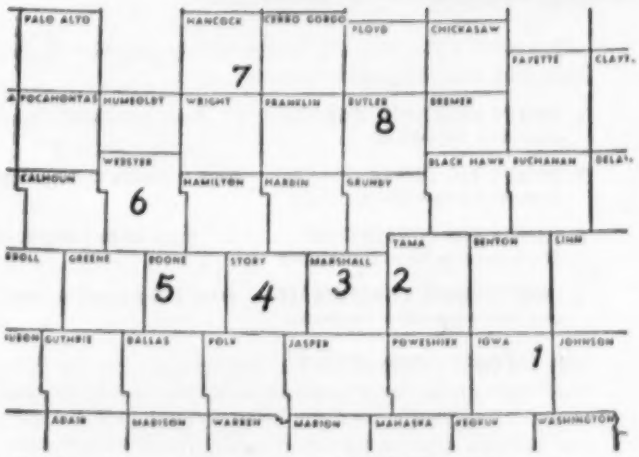
You'll see M-M's famous Uni-Tractor—see how it mounts a cornpicker, baler, windrower, combine, forager, and picker-sheller. Here's self-propelled harvesting at its best.

There's family fun, too. A lively stage show . . . drawings for fine door prizes . . . color movies . . . free rides for the kids. Bring your wife and kids. They'll enjoy the day, too.

Map at right shows locations of Uni-FARMORAMA during the next weeks. Uni-FARMORAMA will move into other parts of Iowa in later weeks.



Everyone in the family will enjoy Uni-FARMORAMA. Here youngsters at Lake City, Iowa, try their hands at driving Minneapolis-Moline tractors—all free of charge.



Here's where you can see Uni-FARMORAMA in the next few weeks:

1. Homestead, Aug. 1
2. Garwin, Aug. 4
3. Albion, Aug. 7
4. Nevada, Aug. 9
5. Ogden, Aug. 11
6. Fort Dodge, Aug. 14
7. Klemme, Aug. 16
8. Greene, Aug. 18

SHOWS ARE AT 2 P.M. AND 7 P.M.

Here's a view of the world's most modern farm machinery—the Uni-FARMOR with baler, windrower, forage harvester, combine, husker, and picker-sheller that mount on the Uni-Tractor.

MINNEAPOLIS-MOLINE

MINNEAPOLIS 1, MINNESOTA

MM is on the March!

"SWIFT'S HOG FEEDS

help me make meat-type hogs in 5-5½ months"

—Merrill D. Flynn
Story County, Iowa

"I start with crisscross Chester White-Hampshire sows bred back to Yorkshire boars for extra length and meat," Mr. Flynn says. He has more than 300 spring shotes on Swift's Feed now, with an average of nearly 10 pigs per litter.

"And there's only one runt in the bunch, too. I follow through with Swift's Feed all the way. These will go to market in late July or early August weighing 200 to 220 pounds. I've fed Swift's for almost two years now; it's the way to get the most return."

Let Swift's Hog Feeding Program help you whittle down high feed costs and slash time, too:

1. SWIFT'S SWEET PIG MORSELS — from 4 days to 4 weeks
sugared for fast take-off

2. SWIFT'S PIG POWER — from 4 weeks to 40 pounds
starter with protein punch

3. SWIFT'S PIG CONCENTRATE — from 40 to 120 pounds
35% protein—to speed shotes along

4. SWIFT'S SWINE CONCENTRATE — from 120 pounds to market
40% protein—to reduce feed costs

WHY ARE SWIFT'S FEEDS BETTER? . . . because you get the *Pick of the Proteins* from Swift's own oil mills and meat by-products. And . . . less feed is used for body maintenance, more goes for growth, thanks to CALOGEN, Swift's super-energy ingredient. With Swift's, you open the way to full benefit from good breeding and management practices.

See your nearest Swift's Feed Dealer now. Have him tell you the complete Swift's Hog Feeding story. He can help you get the most from your feed and time.

Swift 101 YEAR — SWIFT FEED MILL • DES MOINES, IOWA
To Serve Your Farm and Family Better

Social security is for all ages

Majority of farmers of all ages approve social security coverage

FARM operators have been under social security more than a year. And some of the older farmers are now getting a monthly retirement benefit check.

But what do farmers of all ages think about the social security coverage?

The Wallace-Homestead Poll wanted answers to this question. In October, 1954, before farmers were brought under the program the Poll asked Iowa farmers of all ages this question:

"All farmers are going to be included in the social security system. Which of the following answers best fits your ideas on the subject?" Table below gives answers by age groups.

	Age group		
	20-34	35-49	50 and over
1. Approve	51%	40%	46%
2. Mildly approve	36	36	33
3. Against	7	14	9
4. No opinion	7	10	12

A young farm wife in Dubuque county said, "Of course, we young people have a long time to pay into social security but I do think it is a good thing. And of course, wonderful for the old people. It is as the name implies, a security, and we certainly can stand more of that."

But an older farmer in Cedar county said, "Social security for farmers—I can't see it myself. I carry plenty of insurance and think others could look ahead too. Of course, I may change my mind."

The same question was asked in February of 1956. The full text of the different choices—the same phrasing in 1956 as in 1954—follows:

1. Social security is a wonderful thing. It is certainly time farmers were included.
2. I don't know too much about how it works, but I think it's a good thing.
3. I'm against it. Social security is just another step toward socialism.
4. Undecided.

By February of 1956, most farmers had made their first social security payment in connection with federal income tax. Did the tax change their ideas? Following are the answers to the questions by age groups:

	Age group		
	20-34	35-49	50 and over
1. Approve	46%	48%	62%
2. Mildly approve	31	36	26
3. Against	11	5	9
4. No opinion	12	11	3

The percent of younger farmers who approve or mildly approve social security dropped from 87 in October, 1954, to 77 percent in February this year.

But the older group who approve increased from 79 percent to 88 percent from 1954 to February this year.

The middle age group who approved social security coverage increased from 76 percent in 1954 to 84 percent this year.

"Social security for farmers is a wonderful thing. It makes us feel more secure," said an older farmer in Lucas county.

A young mother in Dubuque county said, "I'm in favor of it. My sister lost her husband and she couldn't have managed without the social security benefits."

A Sioux county farmer said, "I'm against social security because 90 percent of the farmers don't need it. And it is just another tax."

"I don't think social security will help us much. We never had any help of any kind and figure we can get along all right," said an older farmer in Monroe county.

A young farmer in Bremer county had doubts: "It's OK for older farmers who will only pay in a couple of years and then be able to draw on it. But us young fellows will have to pay in quite a sum before we get any benefit. I'm afraid by the time I'm 65, they'll change the law and I won't get anything."

However, most farmers agreed with the man in Cerro Gordo county who said: "As long as everyone else is covered, farmers should be in it too."

Bureau members approve

Altho the American Farm Bureau Federation has been inclined to oppose social security for farmers, Farm Bureau members in Iowa have given support to the policy. The table below shows the vote of members as compared to non-members.

	October, 1954		February, 1956	
	Member	Non-member	Member	Non-member
1. Approve	42%	50%	52%	55%
2. Mildly approve	36	33	30	31
3. Against	13	5	8	8
4. No opinion	9	10	10	6

Recommended DEKALB CORN for IOWA

OUTSTANDING YIELD

GREAT STANDABILITY

The Two Big Profit Factors in Corn— You Get Them with

DEKALB

DEKALB 402 yields and stands well at thicker planting rates. Ranked 1st at Storm Lake with 107 bushels and 2nd at Grinnell with 103.7 bushels in DeKalb's 1955 Performance Comparison Tests as compared with 48 good DeKalb and other Varieties.

DEKALB 409—This short stalked, dark green hybrid tied for 1st among 81 entries in state yield trials in Northeast Iowa last year with a 93 bu. yield. Produced 1955 Iowa winner in DeKalb's Selected 5-Acre Contest with 176.56 bushels in Osceola County.

DEKALB 459—A good yielder on most soils and at thicker planting rates. Produced the National winner in Ohio in 1955 in DeKalb's Selected 5-Acre Yield Contest with 210.36 bushels per acre. Averaged over 120 bushels for 6 Iowa County winners in same contest.

DEKALB 423—This sensational new variety out-performed all DeKalb 400 Varieties in both yield and standing ability in 1955 Performance Comparison Tests. It ranked first among 49 good DeKalb and other varieties at Storm Lake with 103.8 bu.

DEKALB 630—An instantaneous success in the first year of performance in 1955. Adapted to most soils in Central Iowa. Averaged 94 bushels in 7 official District Yield Trials there. Ranked third of 81 entries in District 9 in Southeast Iowa with 111 bushels.

DEKALB 631—A new hybrid developed for all soils in the Western half of Iowa where the weather is hotter and dryer. Maturity is medium—about same as DeKalb 627.

DEKALB 820—A clean picking, high quality variety with wide adaptation. Ranked third in Official State Yield Trials at Galesburg, Illinois with 121.1 bushels. Fairly tall with good blight tolerance.

DEKALB 837—The most blight tolerant of any DeKalb 800 variety and very widely adapted. Ranked in top 25% of all hybrids tested in three official state trials in South-central Iowa with an average yield of 96 bushels in 1955.

GET YOUR ORDER IN EARLY TO GET THE VARIETY YOU WANT

DEKALB AGRICULTURAL ASSOCIATION, INC., DEKALB, ILLINOIS

Commercial Producers & Distributors of DeKalb Seed Corn, DeKalb Chix & DeKalb Hybrid Sorghum

Planted by MORE Farmers for 17 Straight Years than ANY Other Corn

Telephone your Phillips 66 Distributor now to make real savings on oils and greases!

Generous Savings Offered With Advance Order Plan

Place your order for Phillips *66* motor oils, gear oils and greases during August, September or October. Take advantage of the savings offered by the Phillips *66* Advance Order Plan! Order now and set the date of delivery at your convenience . . . any time between November 1 and May 31, 1957. We save time, trouble and handling expenses by making a single delivery. And we pass these savings along to you in the form of lower prices. Call your Phillips *66* Distributor today.

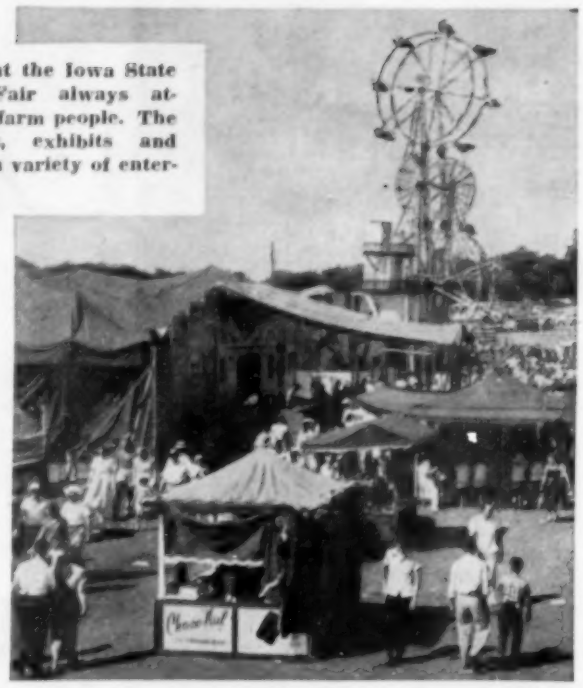
Get your order in NOW!

- **Generous Savings . . .** even on orders as small as 15 gallons.
- **Top Quality Products . . .** including Phillips 66 Trop-Artic* All-Weather Motor Oil.
- **No Down Payment . . .** arrange for payment at time of delivery.
- **Price Protection . . .** you have no worry about price increases.
- **Assured Supply . . .** the products you want when you need them.

Phillips 66

PHILLIPS PETROLEUM COMPANY

*A trademark



Midway at the Iowa State Fair always attracts many farm people. The many rides, exhibits and shows offer a variety of entertainment.

Big program at State Fair

FFA and 4-H judging to be earlier this year; National Hereford Show on Aug. 30

THE gates of the Iowa State Fair will open August 24, on one of the midwest's greatest farm events.

This year's state fair opens a day earlier than recent fairs and will close a day earlier on Sunday, September 2. There will be no fair on Labor Day as has been the case in the past few years.

Another major change of importance to Iowa farm people is that 4-H and FFA livestock will be judged on the opening Friday and Saturday, August 24 and 25, rather than the last Friday and Saturday of the fair.

State fair secretary L. B. Cunningham said the change was made to avoid conflicts with the opening of many Iowa public schools during the week of August 27.

In the "open" classes of the National Livestock Show, judging of horses and sheep will begin on Monday, August 27, and judging of cattle and swine will start on Tuesday, August 28.

Highlighting the livestock exposition will be the 1956 National Hereford show to be judged on Thursday, August 30. Hereford prize money in this national show will total $11,000.

Almost a quarter of a million dollars in premiums are being offered in this year's fair competition. The 4-H clubs and the vocational agriculture departments offer more than $35,000.

Other premium offerings include: $46,000 in the cattle department, $20,185 in the swine department, $8,320 in the sheep department, $27,000 for horses, $9,750 for poultry, pigeon and rabbit exhibitors, $3,847 in the agricultural department, and $6,554 in the horticulture department, including fruit, flowers and vegetable classes.

Keen competition is expected in the more than 250 different classes in the culinary department. The textile department will have more than 260 classes including the Nationwide Crochet contest.

One of the feature attractions for many Iowa farm families will be the selection of the grand champion baby beef on Saturday afternoon, August 25.

The entire farm family will be attracted to the mammoth farm machinery and industrial exhibits. The famous Iowa State Fair machinery row will feature the latest farm equipment while the Varied Industries Building will be packed with displays of the most modern equipment and materials for home-owners and homemakers.

Another feature of special interest will be Iowa's annual farm gadget show for amateur farm inventors which attracts scores of unusual entries.

Special events include big car races, stock car races, jalopy races, thrill races, horse races, the annual State Fair rodeo featuring Roy Rogers, Dale Evans and their television company and a beautiful musical revue featuring Olsen and Johnson and dozens of special Broadway acts.

The next issue of Wallaces' Farmer and the Iowa Homestead will present a complete preview of all state fair activities. See it for time and location of special judging and contests in addition to the location of all major exhibit areas.

"This is going to be one of the greatest and finest Iowa State Fairs our state has ever presented," secretary L. B. Cunningham declares. "There will be thousands of interesting things for farm folks to see and do, and we extend a cordial welcome to all the midwest to join in this huge, annual outing."

Tips For August

Here are some timely tips from Francis A. Kutish, Iowa State College farm economist.

WE'VE BEEN thru a busy season on the farm. Taking a coffee or lemonade break in the morning and afternoon helps you thru these busy days.

▼ ▼ ▼

BUT WE NEED a bigger break sometimes, too. All work and no play is bad medicine for big folks as well as little ones.

▼ ▼ ▼

AUGUST IS THE month to take that vacation. School will begin in another month—so you can't put it off any longer. A trip away from the every day grind of the farm and home will do anyone good.

▼ ▼ ▼

A TRIP might make you money as well as give you a vacation. Keep your eyes open to what folks are doing along the way. One farmer was driving thru Indiana last year. He noticed an unusual chore wagon. He stopped. Talked with the owner. Made one for himself when he got back to Iowa.

▼ ▼ ▼

IF YOU CAN'T get away for an extended trip, how about knocking off early in the afternoon and driving to a nearby town to see some independent or minor league baseball? Take the kids along. Or plan a picnic.

▼ ▼ ▼

DRIVING ALONG the road the other day, I noticed a farmer filling a temporary silo with grass silage. But instead of using the usual blower, he was using his grain elevator. Said that it took less time to set up; used less power too.

▼ ▼ ▼

CHECK FOR MITES and lice in your poultry flock. They multiply rapidly in hot weather. Don't give them a chance to cut your egg production.

▼ ▼ ▼

TIME NOW to make cropping plans for next year. Be sure to include the Soil Bank in your consideration. It might pay you big dividends.

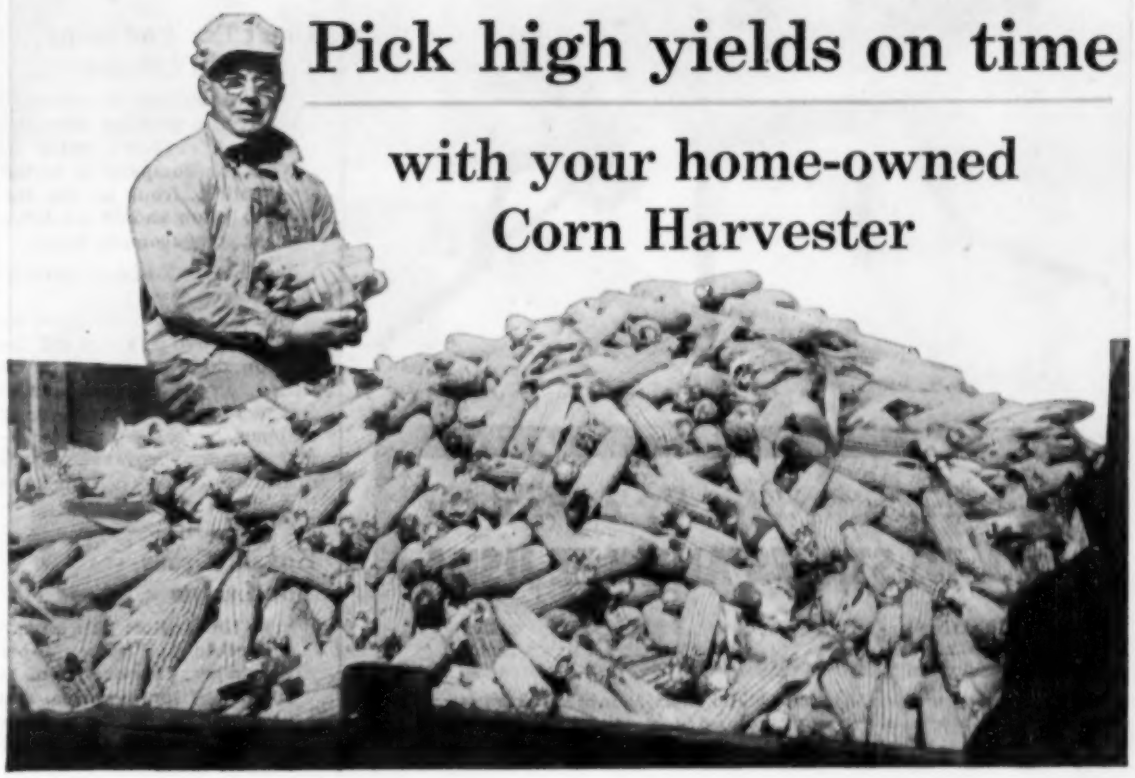
▼ ▼ ▼

SEPARATE out your breeding gilts from your fattening hogs. Get lined up for fall farrowing.

1-ROW $860
2-ROW $1265
F.O.B. FACTORY

Pick high yields on time

with your home-owned Corn Harvester



Simple design gives you big capacity...low price ...low upkeep

Timely picking in all kinds of field conditions has proved the outstanding performance of new Allis-Chalmers Corn Harvester design.

Both the 2-row mounted "33" and the new 1-row, pull-type "35" have rubber-grip husking, new "no choke" rotary feeders that keep a steady stream of ears flowing uniformly over the husking rolls. Adjustable stripper plates protect ears and give you less shelling of butts and tips . . . less damage to small ears . . . *more corn in the wagon!*

The mounted "33" is easy on . . . easy off WD-45, WD or WC Tractors. Its weight is balanced over the tractor's rear axle. Working parts are low and fully shielded for safety. It's the only mounted picker with rotary feeders above the main rolls, rubber-on-rubber husking, and corn-saving stripper plates adjustable from the tractor seat.

Ask your Allis-Chalmers dealer to show you how either one of these Corn Harvesters gives non-stop performance in high-yielding corn whether standing or down and tangled.

NEW CORN SNAPPERS — 2-row mounted Model "34" or 1-row pull-type Model "36" with smooth rubber rolls available in areas where snapping is preferred to husking.

ALLIS-CHALMERS, FARM EQUIPMENT DIVISION, MILWAUKEE 1, WISCONSIN

ALLIS-CHALMERS A-C

New 1-row pull-type Model "35" Corn Harvester for Allis-Chalmers CA and other tractors of similar size.

2-row, low-mounted Model "33" Corn Harvester for Allis-Chalmers WD-45, WD or WC Tractors.

MALATHION

recommended for fly control by

ALL 48 STATES AND THE USDA

. . . *because* malathion gives both quick knockdown and long residual kill—at low cost. Residual kill lasts three weeks or more, depending on local conditions.

. . . *because* malathion controls flies which have become resistant to DDT and other previously used materials—kills fly maggots, too.

. . . *because* malathion is easy to use as knockdown and residual sprays, or as wet or dry baits.

. . . *because* malathion can be applied in and around dairy barns, on manure piles and garbage heaps, on barnyard fences or corrals and on similar places where flies gather or breed—for effective, easy, economical fly control.

. . . *because* malathion is "one of the safest insecticides to handle," according to the USDA.

That's why malathion is the *preferred* insecticide for fly control! Don't spend another dollar for any fly-killer until you get all the facts about malathion!

Malathion insecticides are available from well-known manufacturers (under their own trade names) in wettable powders, emulsifiable liquids, and as baits. See your regular supplier. Be sure to look for MALATHION on the label.

Mail this coupon now—

AMERICAN Cyanamid COMPANY
AGRICULTURAL CHEMICALS DIVISION
30 Rockefeller Plaza, New York 20, N. Y.
Please send free copy of "KILL FLIES WITH MALATHION."

NAME _____

ADDRESS _____

"FELCO Feed is our profit backbone," says Miles Stephenson of Altoona. "We've been feeding FELCO to all our livestock and we know it's top quality. For example, we average better than 75% production on our laying flock and get savings by buying cooperatively too." Why don't you join with the more than 130,000 Iowa farmers who own FELCO? See the manager of your local cooperative. That's the only place you can get FELCO.

—When writing to our advertisers, please mention this paper—

Service bureau

Don't Pay For Items You Didn't Order

To the Editor: We recently received a package thru the mail. We didn't order it. Now the company is trying to collect from us for the item. What should we do?—B. M., Cass county, Iowa.

The Better Business Bureau of Des Moines says:

"All you have to do when such articles arrive is, 1. not use them (if you do, you should pay for them), and 2. keep the articles for a reasonable time for the shipper to call for them. If nobody calls, throw the merchandise away. Most of it has very little use anyway."

Zoysia Grass For Lawns

To the Editor: We have a chance to buy some Meyer Zoysia grass for our lawn. Is it adapted for our area, and how will it do for a lawn grass?—Mrs. M. B., Story county, Iowa.

Extension circular FG-944 published in April, 1956, by Iowa State College gives the following information on Meyer and other Zoysia grasses:

"During the spring and summer of 1953, we planted Meyer Zoysia and three other strains of zoysia in a turf garden at Iowa State College. The method used in planting was by sprigs. Because of dry weather the plots were watered to keep the sprigs alive and to induce growth. After three seasons only one plot of Meyer is reasonably well filled out. . . .

"Each fall, Zoysia has frosted off with the first frost of the season. In the spring Zoysia waits for warm weather to start growth, and has rarely ever been green before May 10 to 15, while the adjacent blue grass plots began to green up the third week in March. Zoysia is not shade tolerant.

"The plots at Ames indicate that Zoysia (Meyer and the others) is not likely to satisfy the lawn owner who is accustomed to having a green lawn in April, and in the fall up to November or later."

The circular further advises that if you are interested in Zoysia, you should purchase a small quantity, plant it in a sunny location and determine for yourself whether Zoysia is suited for your location.

Corn Imports In 1955

To the Editor: I have heard that imported corn is being used locally. How much corn was imported and exported by the U. S. in 1955?—R. I., McDonough county, Illinois.

In 1955, the United States imported about one million bushels of corn. But, about one hundred and eight million bushels were exported last year.

Highway Deaths On Increase

To the Editor: Everybody seems to be working to cut down on accidents on our highways. Did we have more or fewer fatal traffic accidents last year than in 1954?—B. N., Warren county, Illinois.

In 1954, 35,500 American people met death on the nation's highways. But in 1955, there were 37,800 fatal accidents on our highways. Or, 2,300 more than in 1954.

PAW TUCKER—Persistent, aren't they?

AMERICA'S GREATEST HYBRIDS... PLANT THEM!

FUNK'S G HYBRID

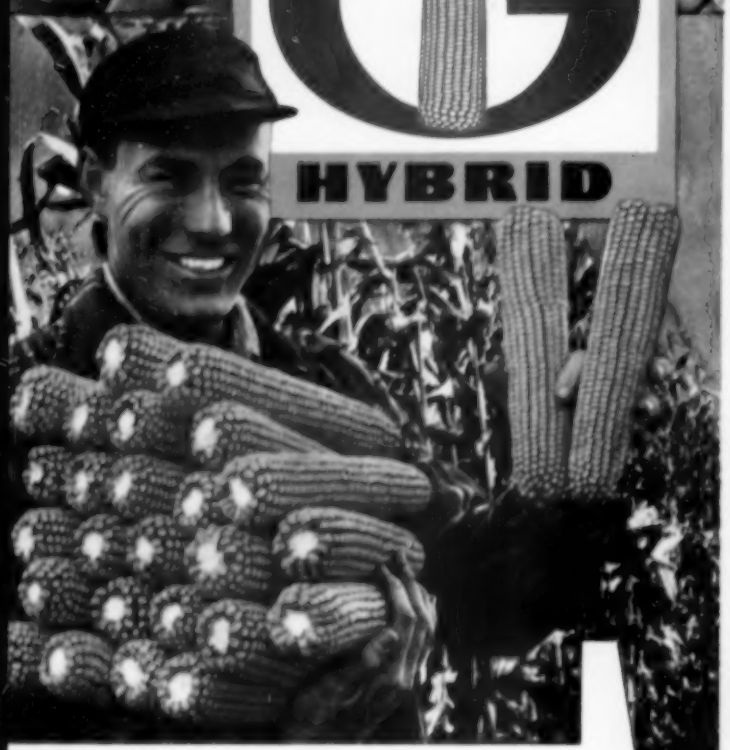
Balanced *5-STAR* Performance consistently gives

TOP...YIELDS ...QUALITY ...STANDABILITY

How to choose your farm's best hybrids

FUNK'S G HYBRID

AMERICA'S GREAT



TOP ...YIELDS ...QUALITY ...STANDABILITY

This is your corn guide for 1957 . . . PROCEED WITH CONFIDENCE, for these hybrids represent *the highest development of the science of plant breeding*. In these hybrids you will find all the special advantages you need to help overcome the particular hazards of your area. *But more important*, running like a powerful current through every bag of Funk's G-Hybrid seed are the 3 basic superiorities *which set Funk's G-Hybrids apart*—those of *TOP* yield, *TOP* quality and *TOP* standability—result of Balanced 5-Star Performance.

Balanced 5-STAR Performance

- ★ Rapid Growth
- ★ Disease Resistance
- ★ Insect Resistance
- ★ Drouth Resistance
- ★ Standability

YOU GET ALL 5 in every Funk's G-Hybrid!

5-STAR FUNK'S G-HYBRIDS FOR IOWA

The Funk's G-Hybrids described on these pages are listed in approximate order of maturity, earliest first.

★ ★ ★ ★ ★

TOPS IN NORTHERN AND NORTH-CENTRAL IOWA

G-6 . . . This long-time favorite has won a host of friends since its introduction over a decade ago. In its maturity G-6 is still one of the best performing hybrids available. Noted for its fast growth, stalk quality, ability to hold ears and yield . . . above-average oil content, fast drying, and capacity for shelling out. If you farm in its adapted area in northern Iowa, try G-6! It is consistently good.

G-20 . . . Increased sales of this G-Hybrid have been phenomenal since we introduced it in 1955. Its fast early growth, dark green color during the growing season, ripe ears on green stalks in the fall, and very uniform ears—all combine to make G-20 one of the classiest early hybrids you can plant on your farm. Adapted throughout northern Iowa where an earlier high-yielding variety is desired.

G-26 . . . Enjoying its fourth year of increased popularity in northern Iowa. Slightly later than G-6, but dries just as fast. Slightly taller stalk and higher ear, with excellent standability. Holds its ears well. A good yielder of deep reddish-cast kernels. Like many Funk's G-Hybrids, G-26 produces ripe ears on green stalks.

G-21A . . . A NEW all-yellow Funk's G-Hybrid for northern Iowa. If you're looking for an early, high-yielding hybrid with superb stalk and grain quality . . . one that starts, grows and dries out fast, and holds its ears, then ask for a bushel of G-21A for 1957. Has girthy, cylindrical ears that shell out well. You'll like it.

G-23 . . . Introduced a year ago, this fine G-Hybrid is a good performer over a wide range of conditions in north-central and northern Iowa. Produces heavy, girthy ears that ripen on green stalks. A good yielder, G-23 does very well under thick planting.

G-22 . . . About G-30A maturity—A very attractive corn during the growing season. Ears are girthy, cylindrical, and stay on the stalk for the picker. G-22 stands, yields, shells out, takes thick planting, makes quality corn—all features you insist on in the hybrid you plant on your farm. Try G-22 . . . it is sure to please you.

G-24A . . . We're very enthusiastic about the future of this new addition to our roster of 5-Star G-Hybrids. Makes large, girthy ears that fill the wagon box and shell out. Very fast starter and grower; goes over a wide range of soils and has excellent resistance to drouth. Stands up for the picker. Ask your dealer about the new G-24A for north-central Iowa and most of northern Iowa.

CONSISTENTLY

FAVORITES IN NORTH-CENTRAL TO SOUTH-CENTRAL IOWA

G-30A . . . Has earned a real reputation for being an outstanding picker corn. Has fine stalk, shank and grain quality along with good yields. A top-notch full season corn for northern Iowa . . . medium maturity for north-central and central Iowa. Plant a bushel.

G-33A . . . One of the 5 top-yielding entries in Districts I and IV of the 1955 Iowa State Yield Test, G-33A made an outstanding record in other districts as well. Adapted to north central and central Iowa. Starts fast in the spring, goes on to produce top quality grain on sturdy stalks. Strong shanks hold the ears until harvest. Buy this one early—it's always one of the first to sell out.

G-16A . . . A long-time favorite of Iowa farmers that continues to win new friends. This widely adapted G-Hybrid produces heavy yields under a wide range of conditions. Noted for its long girthy ears, strong shanks, and excellent stalk. Grown from north central Iowa clear to the Missouri Line.

G-75A . . . This new G-Hybrid keeps piling up more records every year. Truly a 5-Star balanced performing hybrid that is entirely new and different. It starts early; it resists drouth, insects and disease; it stands and holds on to its ears. Farmers are amazed at how fast G-75A fills their wagon box with quality corn. Exceptional stalks with short shanks hold on to those uniform ears until harvest time. If you farm anywhere from north central Iowa down to the Missouri Line and haven't tried G-75A, order it now. Stands thick planting well. The demand for this hybrid has always exceeded the supply.

WINNERS IN SOUTH-CENTRAL AND SOUTHERN IOWA

G-76 . . . A brand new companion hybrid to G-75A and just a few days later. In drouth-stricken areas the past two years, this hybrid has been second to none for grain quality. Farmers in south-central and southern Iowa, who have already tried G-76, like its dark green color, stiff, medium-height stalk, and its excellent yielding ability. Get acquainted with G-76 next year.

G-60A . . . Continuing research has made this favorite even better than it was two years ago. By re-working and improving the inbreds involved in G-60A, we've stepped up its yield and quality. It still has those same big ears with the deep reddish-cast kernels that everyone likes so well. Tremendous leaf blight and drouth resistance. Top yielder anywhere between Highway 30 and the Missouri Line. Even though you've had and liked G-60A in the past, try it again, as a new hybrid. You'll like its improved performance.

G-95A . . . For the past three years G-95A and its companion hybrid G-95 have had outstanding records in the Iowa Corn Yield Tests across south-central and southern Iowa. These two great G-Hybrids are about equal in yield, but G-95A is a bit earlier, lower eared, and has better stalks and ear quality than G-95. Widely adapted, with a lot of heat and drouth resistance. An excellent picker hybrid that will give lots of girthy ears when harvested. You'll like its fast early growth and eye appeal during the growing season, too.

G-91 . . . If you farm in southern Iowa and want a full season hybrid, you should try G-91. Drouth conditions in that area the past two years have proved that this great G-Hybrid can take it. Gives top-notch balanced performance over a wide range of soil and climatic conditions. Grows fast in the spring, keeps coming through the drouth in the summer to make a top yield in the fall. Order this 5-Star quality hybrid now.

Ask your Funk's G-Hybrid dealer about other G-Hybrids available now in most maturities

FUNK BROS. SEED CO.

BELLE PLAINE, IOWA

CORN GROWERS REPORT

Why I plant Funk's-G!

Ripe Ears, Green Stalks

"Tried Funk's-G for the first time last year. G-30A was the first corn I've had that I could plant heavy and still get a good-sized ear and a good yield. Even though the leaves and stalks were green, the ears were ripe . . . I was able to crib it ahead of my other corns."

Elmer Lindner—Waverly, Ia.

He likes G-16A and G-75A

"In the last four years I've put Funk's G-Hybrids up against about every other corn that's commonly used around here, and Funk's-G always came out on top. G-16A has been my favorite, but G-75A also fits my idea of a top-producing hybrid. I had six different G-Hybrids in a test plot last year . . . We weighed the entire load from 8 rows of each and corrected the yield for moisture. Though it was a poor year, G-75A made 81 bu. per acre, G-95A made 77.6 bu. and G-16A, 76 bu. per acre. I'll plant Funk's-G 100% this year."

Carrol Ryan—Grinnell, Ia.

Marshall County Winner

"My Funk's G-75A placed first in the 1955 Marshall County 5-Acre Yield Contest—made 114.47 bushels per acre. Also won 4th place in the state. I presume the average yield around here last year was under 60 bushels per acre, so I feel very good about my high yield from Funk's G-75A. It's the most uniform corn in stalk height and ear placement I've ever seen. Funk's G-Hybrids are always graded very well; I never have trouble planting them or getting a good uniform stand. Shells out of the crib better than most other corns I've tried, too."

James Ruopp—Marshalltown, Ia.

"G-16A hard to beat."

Leonard and Albert Reis of Albert City are 100% Funk's-G users, planting 160 acres of it each year, mostly G-16A. They say G-16A will be hard to beat, but with all the fine reports they've heard they plan to plant 5 bushels of G-75A. On their peat ground, they'll use G-30A and G-22 and the rest in old reliable G-16A.

FUNK'S G HYBRID

AMERICA'S GREATEST HYBRIDS ...plant them!

First Corn TO YIELD *300 bushels per acre*

On Sept. 24, 1955, it was officially announced by the Mississippi Agricultural Extension Service that a measured acre of Funk's G-711 had yielded 304.38 weighed bushels per acre. Lamar Ratliff of Baldwyn, Mississippi, was the first corn grower—and Funk's G-Hybrids the first corn—ever to reach this long-sought history-making goal of 300 bushels to the acre.

From the Gulf of Mexico to Canada, from New England to California, and centering in the great Cornbelt, Funk's G-Hybrids are setting new standards of yield and quality. No stroke of luck, no company sponsored "yield contest"—G-Hybrids are *earning* their reputation by winning in free-for-all contests *everywhere*.

And more important, Funk's G-Hybrids are winning the greatest contest of all—the one going on in farmers' fields—by their record of tremendous *Full-Field-Yields*.

65,086 bushels from 610 Illinois acres!

This incredible yield was recorded *over the scales* in 1955 by C. V. Arnold and Sons, managers of Hartwell Farms, Hillview, Ill., using Funk's G-Hybrids. That's 106.7 bu. per acre.

HERE IS THE EVIDENCE:

IN IOWA—Funk's-G, big winner in "new look" contest

Funk's G-Hybrids captured 7 of the 20 county 5-acre contests which made up the Iowa Master Corn Growers Contest. For the first time, contest yield checks were harvested with a cornpicker. 5 of these winners used Funk's G-75A.

INDIANA—9.2 bushels better in 239 cornpicker comparisons

Funk's G-Hybrids averaged 9.2 bushels more per acre than all other hybrids in side-by-side yield checks made with cornpickers by 239 eastern Indiana farmers.

Look at this Full-Field-Yield

Heinrich Klinge of Marshall, Missouri, reported this: "My G-95A, in a 50 acre field, weighed out 108 bushels per acre of Number 2 corn, even though we had one week of extremely hot weather during the silking and tasselling period."

A Winner up North, too!

137 bushels per acre topped Zone 4—*the farthest north Zone*—in the Minnesota X-Tra Yield Contest for Duane Pearson of Ogilvie, Minnesota. He did it using Funk's G-35A.

Ohio test, example of many Extension yield checks

3 Funk's G-Hybrids scored 10.8 bushels better than the average of 21 other popular hybrids in the Van Wert County, Ohio, Extension Service Test Plots.

150 BUSHEL YIELD—IN KANSAS

Brown County, Kansas: Five acres of Funk's G-95A yielded 150.8 bushels per acre for Lawrence Bruning of Robinson, Kansas, to top the Brown County 100 Bushel Corn Club Project.

Good under irrigation, too!

Max Loibl, Cozad, Nebraska, weighed in 901 bushels of 21.5 percent moisture corn from 5 acres of irrigated G-75A. That's 167 bushels per acre of Number 2 corn.

Sweeps Kentucky 5-Acre Corn Derby

A Funk's-G family—the Gooches—won the top three places in the Kentucky 5-Acre Corn Derby. Fleech Gooch placed first with 186.9 bushels per acre. James and Tommy Gooch came in second with 174.5 bu., and Lynn won third with 172.8 bu.

IF YOU WANT MORE RECORDS LOOK TO THE EAST FUNK'S-G TOPS 3 STATES

Pennsylvania:
Funk's-G topped all commercial hybrids entered in the Pennsylvania Five-Acre Yield Contest with a yield of 148.5 bu.

Virginia:
R. S. Rice, King William County, Virginia, won the Grand Sweepstakes award at the Virginia State Fair, at Richmond, using G-134. Selection was based on overall excellence and quality of the corn.

Delaware:
Despite hurricane Diane, and an early drouth, A. C. Mackey, Bridgeville, Del., won his state Five-Acre Yield Contest with 126.3 bu. per acre of Funk's G-91.

GREAT RECORD IN THE SOUTH

Lamar Ratliff's 304 bushels from one acre naturally topped the Mississippi one-acre contest, but Funk's G-Hybrids also won the state and all 3 district *5-acre contests*. D. A. Lunceford, Webb, Mississippi, won the state 5-acre contest with a yield of 182 bushels, using Funk's G-779W.

Here's an Alabama Full-Field-Yield

Jack Bailey of Fayette, Alabama, reports: "For 7 years out of 8, I have produced 100 bushels of corn per acre and I have an 8 year average of 120 bushels per acre."

OUT WEST FUNK'S-G IS TOPS ALSO

Colorado farmer averages 31 TONS OF SILAGE

Arthur Keeser of Weld County, Colorado, averaged 31.5 tons of silage per acre from 25 acres of Funk's G-50. He knows, because he sold the entire crop over the scales to neighboring cattle feeders.

and then there's

QUALITY

We talk a lot about quality when we talk Funk's G-Hybrids. One *simple example* will tell that story.

Royal Gallagher of Montevideo, Minnesota, told us this:

"My 4 cribs of 1954 corn measured 2346 bushels for Government Seal. When we shelled it out we had 3223.78 bushels of No. 1 yellow corn with a 57 pound per bushel test weight. This is more unusual because most corn that year was high in moisture and low in test weight in this area."

Number 1 corn that weighs like lead and measures like this is only possible if you have high quality. This explains why we are able to say with confidence . . . "Funk's G-Hybrids are America's Greatest Hybrids — *Plant them!*"

Wherever Corn is grown... Funk's-G sets the pace!

Lose your seeding?

Have bare "soil bank" acres? Here's what and how to do something about it

MANY seedings failed to make it thru both dry weather and grasshoppers. So the prospect of hay or pasture shortage faces a lot of farmers.

Fortunately, you can find several answers to this situation.

1. You can seed emergency forage crops next spring. Crops like oats, rye, rape and sudan grass.

2. Or you can start a new seeding this fall. Alfalfa and brome grass seeded in the fall should reach full production early the following summer. Fall seeded rye can make good fall and early spring pasture.

Farmers in the southern part of the Corn Belt often prefer fall seeding. And with reasonable weather, they get good results.

Fall seedings have a big advantage right now. If they catch, you get almost full season production the next year. If they fail, you still have a chance at the same emergency spring crops.

Folks who put corn acres in the soil bank may have a special interest in fall seeding. You can seed alfalfa and brome grass on these acres. That provides winter cover for the land. And you still get the soil bank payments.

You can even seed rye or winter wheat on the "banked" acres. But livestock must be kept off until after January 1 under present rules.

Suppose you want to try a fall seeding. What's the best way to get a stand?

First, consider lime and fertilizer. Alfalfa doesn't do well on acid soils. Or soils that are short of phosphate and potash.

If your field got a full dose of fertilizer last spring, you can get by with a light "starter" application. Otherwise, you'll need to add the full treatment.

You'll want to prepare the seedbed right away tho you won't seed before the middle of August. Otherwise, soil may lose enough moisture during seedbed preparation to keep seed from starting.

The seedbed should be firm and level. Loose, fluffy seedbeds cause most of the fall seeding failures.

Often, there is no need to plow for a fall seeding. Disking may be enough. If a mulch is left on the surface, it may help hold moisture.

Hold the field in a clean fallow condition until mid-August. Keep the weeds down—even if you have to work the field an extra time or two.

After mid-August, seed as soon as the soil dries out enough after a good rain. Fall seedings can do well with surprisingly little moisture. But wait for rain before seeding—even if seeding is delayed into the first week of September.

Seeding rate and methods are about the same as in the spring. The big exception is this: No nurse crop. Fall seedings should be started alone.

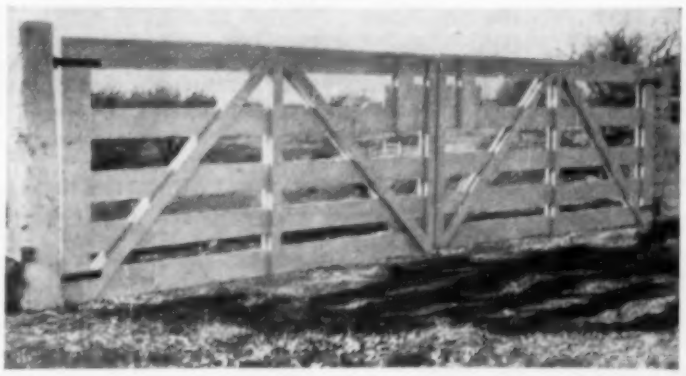
You can almost count on needing grasshopper control anytime you make a fall seeding. This year, your seeding would stand little chance without hopper protection.

Now, suppose you are thinking of seeding rye. For rye, the seedbed isn't quite so important. But good preparation still pays.

If you're looking mostly for cover on soil bank acres, rye can be seeded anytime from now on. The usual planting dates range from the first of September up to the middle of October when rye is seeded for grain or pasture.

MANY A MAN'S aggressiveness is merely his wife's determination.—Decorah Journal.

Locks double gate . . .



Advantage of double gate is that wide machinery can be taken thru. Yet they're hard to keep from sagging and springing open. On the Clair Nichols farm, Henry county, Iowa, this double gate has a sliding bar at top and bottom to keep gates tight. To open, sliding bars must be lifted over wooden stops which prevent the bars from sliding loose.

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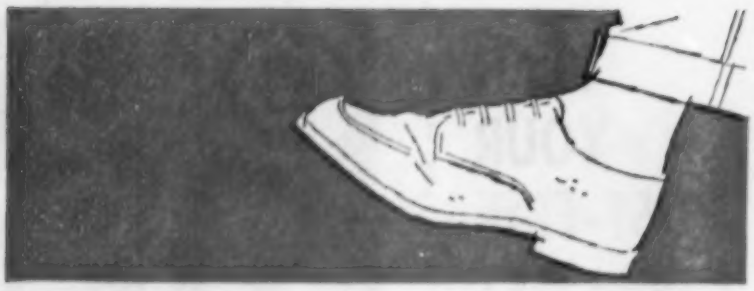

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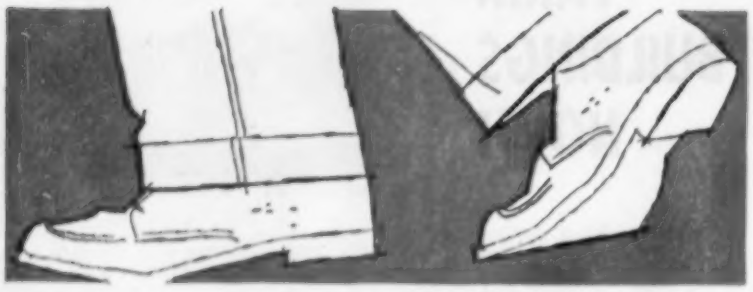
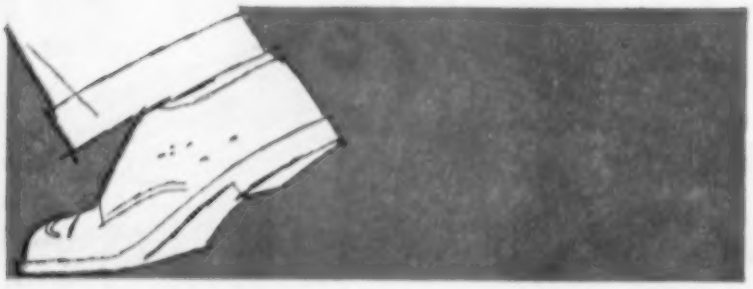


fertilizer return more profit



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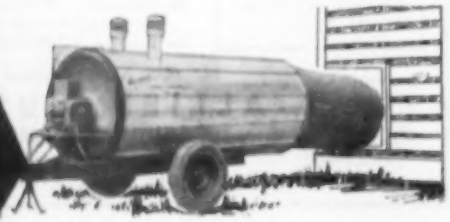

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Layers never get out of the laying house on the Wayne Helmke farm in Palo Alto county, Iowa. Mrs. Helmke is shown gathering eggs from her flock of 250 layers.

Lock layers up or turn 'em out?

LAYERS on some Iowa farms are confined to the laying house. But on other farms, layers are allowed to run over the farmstead.

The Wallace-Homestead Poll wanted to know how Iowa farmers managed their laying flocks. A cross-section of Iowa farm people were asked the following question:

"How do you feel about shutting up laying hens and pullets? Which of the following statements comes nearest to your practice?" Table below gives results:

1. **No hens** 20%
2. **I keep laying flock in the laying house all the time** 32
3. **I let them out about noon** 17
4. **I shut them up only at night** 16
5. **I never close the laying house door**.....15

Some of those who said they let the laying flock out keep them confined to a small pen next to the laying house.

"I don't keep the hen house door shut only in winter, but my laying hens are never allowed to run the farm. They are confined to a pen," declared a farm wife in Cherokee county.

A Louisa county farm wife said, "I never let layers out of the house. I get more eggs. Hens are healthier and take no more feed. And we have no fences to build to keep hens out. Much better than when I let them out."

But another farm wife in Louisa county said, "Let them run. They pick up a lot of their own feed following hogs and cattle. They stay to the back, don't bother the house yard or garden. When it's snowy, leave them in tho."

Do you manage your layers differently during different seasons? The Poll asked, "Does the season have anything to do with the way you confine or turn loose your laying flock?"

1. **Shut up the layers in the winter but let them out in other seasons** 58%
2. **I let the layers out on extra hot days**.... 4
3. **I keep them shut up on rainy days but let them out on good days** 4
4. **The laying flock never gets out of the laying house** 34

"I forgot to let the layers out one hot day and lost 11 hens," said a young farmer in Mahaska county.

A Muscatine county farm wife said, "Our layers never get out of the house. But my husband has talked about building an enclosure so they can get out some."

"We usually let our hens out all the time, but have to shut them up now because the 'coons are taking them," said a Carroll county farm wife.

What do poultry experts recommend? L. Z. Eggleton, poultry specialist at Iowa State College, recommends confining layers to the laying house at all times.

WATER FOUNTAINS that have close, narrow stands prevent hens from backing up while drinking. If hens can back up when drinking, they spill water in the litter. Spilled water can be drained from laying house by placing water fountains over bell tile.

LAYERS NEED a constant supply of insoluble grit. The grit grinds feed in the craw and makes it easier to digest. After the feed is properly ground, you get more complete digestion.

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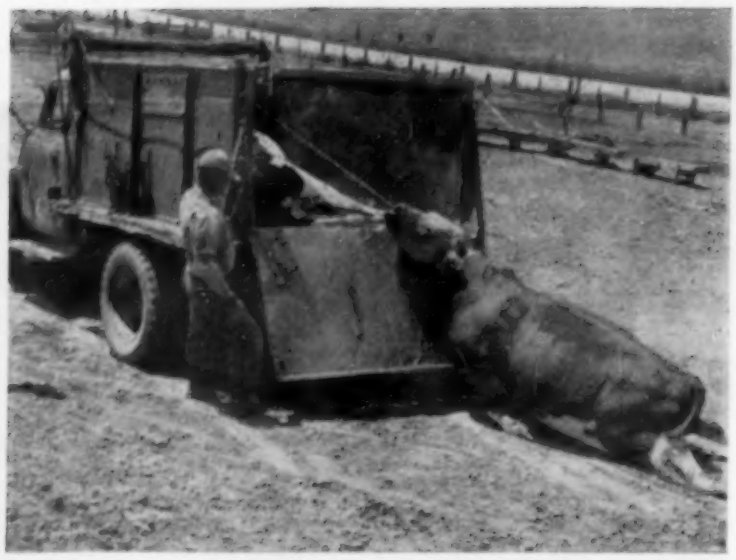


Rendering plant is the place for a dead animal. Or bury it. Sure, you could feed the carcass to your hogs. But scouring hogs are often the result, and you risk spread of disease.

When an animal dies, bury it,

Don't feed it to your hogs

TO THE Editor: I farm on a livestock share lease. The landlord and I get along well except on one point: When an animal dies, he wants to feed it to the hogs.

I say we should call the rendering plant. I've noticed that hogs usually overeat on the meat and scour badly for the next day or two. Altho I can't prove it, I'm sure that gains are slowed and that more harm than good comes from feeding the carcass.—Hog Raiser, Iowa.

We asked Dr. John B. Herrick, extension veterinarian at Iowa State College, for his ideas on this problem. Here's what Dr. Herrick had to say:

Not long ago, we saw a herd of hogs eating on the carcass of a cow that had died. A check on the herd later revealed severe scouring caused by the sudden change of diet and too much of the meat.

This was not an isolated example. Quite often, when hogs are fed the carcass of a horse, cow, or sheep, scours will result and the hogs go off feed.

Usually, the hog raiser has been trying to economize by using the protein from the meat in the carcass. But the end result is not economical.

Probably the big risk is spreading disease.

Altho anthrax is not a great problem in the Corn Belt, it needs to be watched for.

On a farm on the Iowa-South Dakota border, a steer that died from anthrax was fed to hogs on the farm. The hogs picked up anthrax, too. There are many diseases that can be spread this way.

In northern Iowa, a group of 100-pound shoats picked up erysipelas from a carcass their owner fed them. Leptospirosis can be spread to hogs in this way, too.

Any animals that die on the farm should be examined by a veterinarian to determine cause of death. If the animal has died from disease, early diagnosis may keep the disease from spreading thru your herd.

Here's what to do if any of your livestock die:

1. Keep other animals away from the carcass. Haul the carcass in a leakproof stone boat or other vehicle to an area where the carcass can be examined and disposed of.

2. Have a veterinarian post the animal to find exact cause of death.

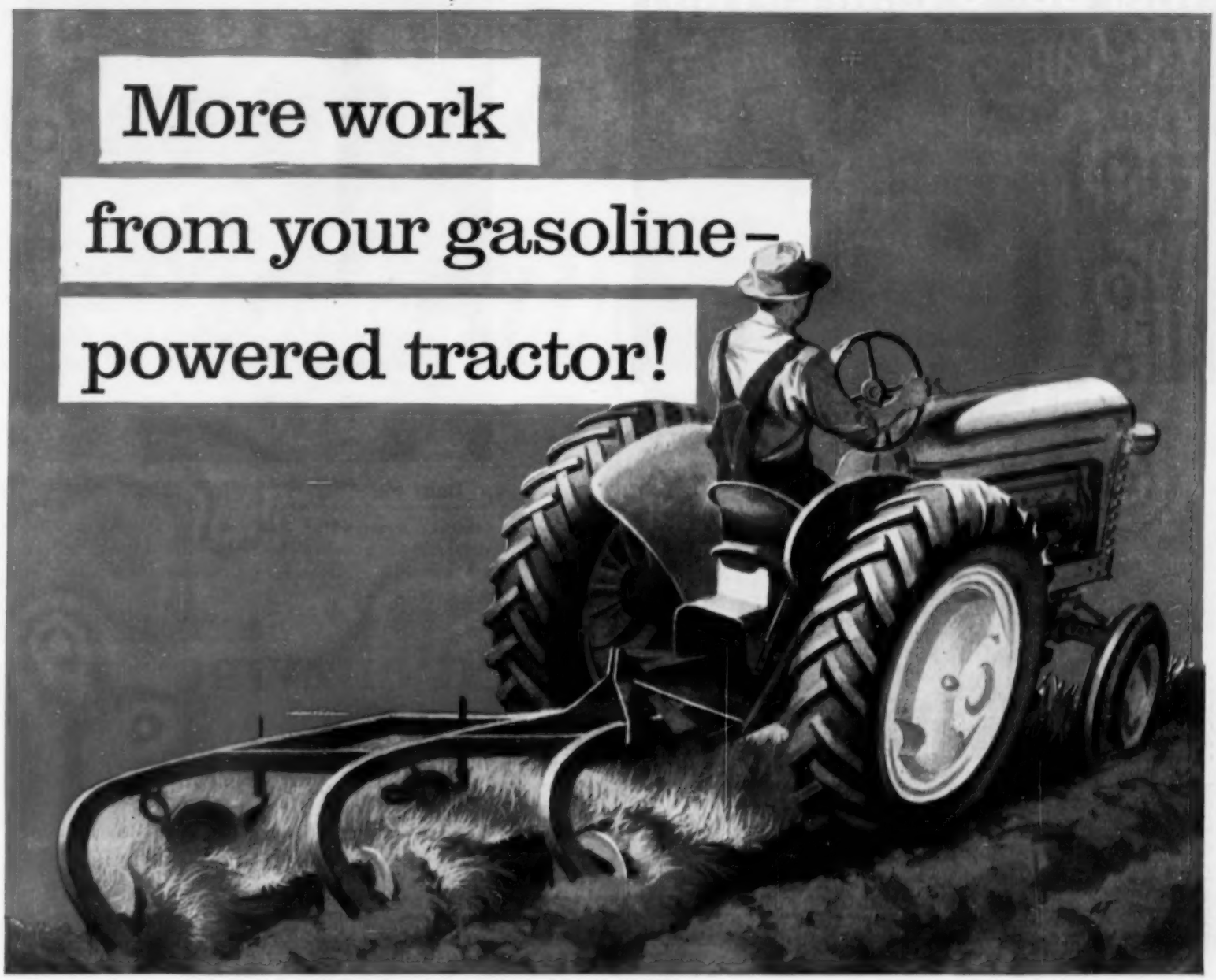
3. Have a rendering plant truck pick up the carcass, or bury it or burn it yourself. If you call the rendering truck, move the carcass to a spot where the truck can pick it up without driving across your lots or pastures. If you bury the carcass, bury it deep, and cover with lime.

4. Disinfect the area where the animal died. Quicklime is a good disinfectant.

Don't feed the carcass to hogs. It throws them off feed, causes scours, and may spread disease.

Don't dump dead poultry or small animals along roads, creeks or dumping areas. Diseases are spread this way. In addition, you'll be violating laws and may be subject to prosecution.

WHAT COUNTS IS what we learn after we think we know it all.—Ogden Reporter.



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Baby pig feeds containing an enzyme called pepsin soon will be on the market. Only a few hog farmers like Emery Hoegh (above) of Cass county, Iowa, have had experience with such feed. Hoegh fed one feed company's experimental enzyme feed to his spring pigs.

Feed enzyme this fall?

Farmers are questioned about plans for feeding fall pigs

IOWA farmers are alert to new ideas—especially hog feeding ideas.

Within a month after Iowa State College released results of research on enzyme feeding for baby pigs, more than half of Iowa's farmers had heard about it. And almost 10 percent were planning to use enzyme feeding on fall pigs.

That's indicated by a Wallace-Homestead Poll made during the last week of June.

A cross-section of Iowa farmers were asked: "Have you heard of enzyme feeding for baby pigs?" Here's how they answered, according to ages:

	20-34 yrs.	35-49 yrs.	50 and over
Yes	50%	64%	51%
No	37	30	38
Not sure	13	6	11

You'll note that the middle-aged group appeared to be a little better informed on the subject than others.

Of the total—including all ages—56 percent said they had heard of enzyme feeding for baby pigs.

You'll remember that the June 2 issue of Wallaces' Farmer and Iowa Homestead carried the story of Iowa State College research on enzymes for baby pigs. At that time, Dr. Damon Catron, swine nutritionist at the college, hailed enzyme feeding as the most important development since the discovery of antibiotics.

Catron and his staff discovered that baby pigs under five weeks of age don't have enough enzymes to digest vegetable proteins adequately.

And they learned that adding an enzyme called pepsin to the ration enabled baby pigs to make better use of vegetable proteins such as soybean oilmeal.

The discovery, Catron said, would enable hog raisers to substitute soybean oilmeal for at least part of the higher-priced milk protein in good pre-starter and starter feeds for pigs.

Enzyme feeding can be helpful whether pigs are weaned early or left with sows, according to Catron. In either case, the extra enzyme can help young pigs make better use of feed.

Feed manufacturing firms were following the Iowa State College research closely during the winter. And several firms were conducting similar research with enzyme feeding.

Baby pig feeds containing pepsin are expected to be on the market soon. So the Wallace-Homestead Poll put the following question to farmers who said they had heard of enzyme feeding:

"Are you planning to try it on your fall pigs?" Here's how answers stacked up:

Yes	9%
No	54
Undecided	15
No fall pigs	22

Consider the fact that practically everyone of those farmers had heard nothing of enzyme feeding a few months before the poll was made.

It indicates that farmers are looking for new and better ways to raise hogs. And that they have confidence in college research.

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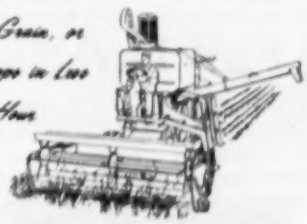

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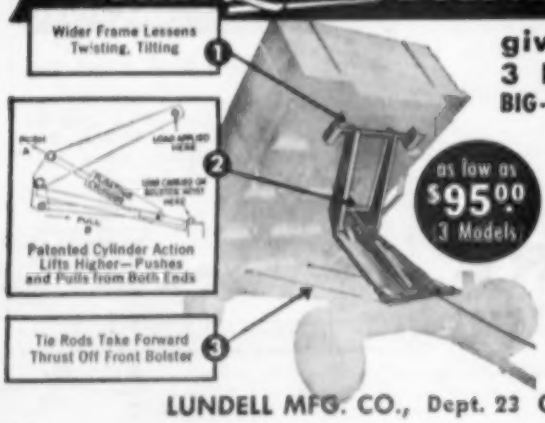

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Rural Route Ramblings

By R. F. D.

THE BOYS are raising rabbits at the moment, and naturally I am taking care of them—the rabbits that is, not the boys. From the way the neighbors complain, I guess nobody takes care of the boys.

ANYWAY, YESTERDAY they came screaming (the boys, not the rabbits) in the house with the startling news that two white wolves were attacking the rabbit cage, apparently bent on fresh rabbit.

I WASN'T too impressed by this news, but I did get up to investigate.

AND IMMEDIATELY wished I hadn't. They looked like two huge white wolves to me also!

I FLUNG several rocks at them from a safe distance, and they scampered away.

THEN I RUSHED into the house, a trembling mess of nerves, and reported to my wife. She informed me that some neighbors of ours, some two miles away, owned two light-colored German police dogs.

"YOU JUST MARCH to the phone and tell them about it!" she wifed at me. So, being a husband, I marched.

THEIR OWNER was very sorry they had escaped and hoped they hadn't done any damage—which they hadn't. Except to my rapidly dwindling supply of nerves and red corpuscles.

"IF THAT happens again you just catch them and give them a good whipping," he said cheerfully.

"CATCH them!" I gasped. It startled me so I almost arose from the floor where I was convalescing.

"AND WHIP them?" I gulped. All I had left by this time were gasps and gulps.

"SURE," he said, still cheerful. (I hate this man, and I don't even know him!) "They wouldn't hurt a fly!"

NOW I AGREE with him. I doubt very much if they would hurt a fly. But what about a mouse . . . er, I mean a man?

"The man that owned it couldn't make a go of it . . . swell guy . . . got to be our county agent!"

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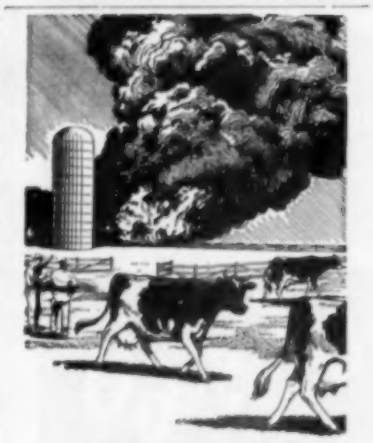

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About Ike's health

Farm people interviewed by the Wallace-Homestead Poll commented vigorously on whether Eisenhower was a full-time or part-time president. The Poll article is on page 14. Below are quotations from interviews with farmers.

"ANYONE with as poor health as President Eisenhower couldn't do a full-time job as president."—Woman, Des Moines county, Iowa.

* * *

"Poor man. They're forcing him to run. He hasn't anything to say about it."—Older woman, Blackhawk county.

* * *

"If Ike isn't able to run, I believe his brother, Milton, will be brought in at the last minute as a dark horse."—Man, Humboldt county.

* * *

"Ike is doing a good job. I don't care whether you call him part-time or full-time."—Man, Ida county.

* * *

"With him being sick so much, health is bound to be an important issue. Being president is a big job."—Woman, O'Brien county.

* * *

"I think he is as much a full-time president as Truman was with all his vacation trips and the places he went when he was president."—Woman, Linn county.

* * *

"Does it matter? If he was OK, he'd just be out playing golf." — Older man, Muscatine county.

* * *

"I don't think Eisenhower is any more handicapped than President Roosevelt." — Older man, Madison county.

* * *

"I'll take Ike's word for his health. But some folks will make it an issue."—Woman, Dallas county.

* * *

"I don't think he has been sick so much it should be called part-time. According to news reports, a lot of business has been carried on during his illness." — Young woman, Mahaska county.

* * *

"If Eisenhower gets elected again, I look for him to fade out of the picture and for Nixon to take over. Who wants Nixon? He is worse than Benson about farmers." — Woman, Cherokee county.

* * *

"I believe he'll get the presidency regardless of his recent illness. The Democrats better not holler too loud for everyone remembers how short Roosevelt's last term was."—Woman, Webster county.

* * *

"I don't see how President Eisenhower's health could be good. He had that heart attack and then an operation in such a short time."—Woman, Poweshiek county.

It's the INTERNATIONAL Pickup that leads a double life!

This smart, comfortable pickup serves as a car *and* truck for your farm. And think what that means in savings—you can save the entire cost of a passenger car!

In an INTERNATIONAL, you'll enjoy car-like driving ease on soft, wide seats. Any member of the family will take pride in the modern, functional style, and the choice of 24 new color combinations, including smart two-tones.

And with all its modern good looks and comfort, it's built to do a truck job dependably, longer—built to cut operating and maintenance costs. The INTERNATIONAL pickup with standard 6½-foot body offers the biggest cubic capacity in its price class, plus many other features for top performance at rock-bottom cost.

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Use "DB" to destroy weeds you couldn't control before... those *deep-rooted* ones! In "DB" you get the combined plant-destroying powers of sodium borates and 2,4-D. The borates make 2,4-D doubly effective, longer lasting, and so easy to apply-DRY. You'll broadcast "DB" by hand for spot treatments... use the handy PCB Spreader for larger areas. Study the features:

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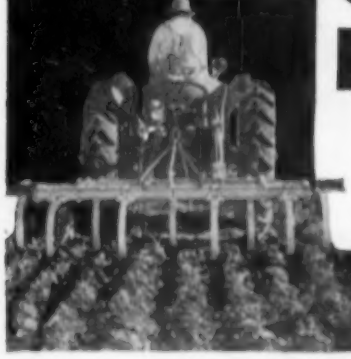

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Playhouse in the back yard provides fun for Heidi Ohlson, four, and sister, Sharman, six. They're children of Mr. and Mrs. Sherwood Ohlson, Cherokee county, Iowa.

Outside stuff

THE playhouse pictured above struck me as something that would delight most little girls. And with a couple of cute little blondes to complete the picture, I couldn't resist the urge to bring my camera into focus.

Incidentally, that playhouse has been in service for a number of years in the Ohlson family of Cherokee county, Iowa.

Clarence Ohlson built it several years ago for his daughter, now grown. A brother, Reuben Ohlson, moved it to his farm later for his three daughters. And last spring, it was passed on to nephew Sherwood Ohlson's daughters.

• • •

IN Clay county, Iowa, K. L. Burg was glad that he was raising ducks rather than chickens early last month when nine inches of rain fell on his farm in two hours.

At the peak of the cloud burst, water was knee deep in barnyards on Burg's relatively level farm. It just couldn't run off as fast as it was coming down.

After the storm, Burg found his ducks swimming around and having a fine time in what was formerly a chicken house. In fact, water poured out of the building when Burg opened the door.

Burg has a rather unusual poultry enterprise. He raised about 1,000 domesticated mallard ducks this year. Most of them now have been sold to special buyers with whom Burg has contact in St. Louis, Missouri.

• • •

JULY rains made most of the western Corn Belt look much better. But the rains couldn't help the early hay crops. So there's still a big winter feed problem.

—Dave Bryant.

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Iowa M.D.'s Say . . .

You need to PLAN your retirement

MR. B was a well-to-do farmer. He lived on a 320-acre rented farm, and rented out a farm of his own. He also dabbled in the stock market.

Mr. B raised a large family and worked hard all of his life. He looked forward to retirement from the farm—to the day when he could move "to town."

The day of retirement finally arrived but Mr. B was not happy.

He developed numerous aches and pains and found that he had trouble sleeping. He visited doctors' offices only to be told he was physically sound.

Finally, thinking that life had little to offer, Mr. B committed suicide.

This case, of course, is an extreme example of what may happen to farmers who look forward to retirement FROM the farm, rather than retirement TO an interesting part of their life.

Farmers work hard all their lives—rising early, going to bed late, working seven days a week with few vacations. Too often they do not pay much attention to "retirement planning."

Many farmers feel that if they were to leave their place for two or three weeks, nothing would be the same when they returned home. Modern farm machinery has not freed them from the yolk of their everyday burden. This devotion to their work leaves little time for the enjoyment of life.

In order to prepare for retirement, you must begin today—not wait until you are 65.

You should take some time off to enjoy a creative activity that has little or nothing to do with general farming. You might be interested in bowling, photography, music, boy scout work or a host of other relaxing activities.

Above all, you must learn to do something for sheer fun!

You should also take a two to four week vacation each year. Neighbors are usually happy to trade chores. If you can't find a neighbor with whom you can trade chores, hire someone to do chores.

Vacations need not cost a lot of money. The simplest vacations are often the most fun.

One farmer traveled from New York to Seattle with his wife. They slept in the car at night, and their food expenses were only $12. This same farmer has lived in a trailer in Florida for two months out of every winter for 20 years. Now, he is retired, living in Florida, and having a wonderful time.

If you want to enjoy retirement, you must prepare for it today!

Articles in this series are presented by the Health Education Committee of the Iowa State Medical Society.

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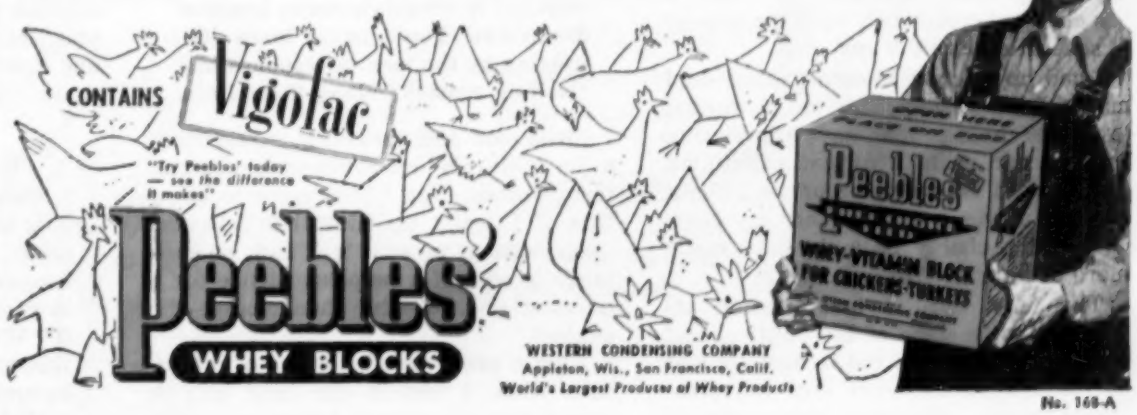
Get Peebles' from your local feed dealer and collect a two-way bonus this summer. "Share the health" for your birds and "share the wealth" of Peebles' premium offer yourself.



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No. 168-A

She failed to make friends

THIS is the story of a farm woman who recognized that she has failed her community—but who also believes that in some ways the community has failed her.

It is my story—but I prefer not to identify myself as an individual because I am sure that other Iowa farm women have similar stories to tell. I'll let you decide—is it your community I'm talking about?

When I came as a bride and a stranger into my husband's home community several years ago, I knew nothing about farming but I was eager to learn.

Unfortunately, the women with whom I came in contact didn't talk much about farming and all the questions I asked seemed to sound so dumb to them that I finally quit asking.

I knew little and cared less about child rearing. Now I recognize this as one of my weaknesses and the situation has changed completely with the arrival of several children of my own.

I had no interest in card games—and maybe I was wrong there, too. I wanted to talk to these people, have stimulating conversation with them, get acquainted—not spend all evening worrying about whether I was going to "set" my partner. But probably I should have made more of an effort "to be sociable."

Thru my work I had become acquainted with some of the political and cultural activities of the immediate and surrounding areas—but any conversational tidbits I offered on these subjects always met with an awkward silence.

I did not know anything of the individuals or involved family groups in the community—and that seemed to be the principal topic of conversation wherever I went.

To this day I still find that to be true—and to this day I prefer not to take part in such discussions. That leaves me out of most of the conversation.

At the most recent gathering I attended, the women were all a-twitter about the announcement of the engagement of a woman who had lost her previous husband in a tragic accident. I had never heard of the woman before, but by the time the afternoon was over I had acquired a wealth of information about her—none of which bears repeating. Some weeks later I happened to meet the lady in person and found her to be a pleasant, reserved person.

Don't my neighbors ever read the front page of our daily newspaper? Any one issue contains enough material to stimulate many hours of discussion. You'd never know it—judging by the lack of response to a "leading remark" along those lines.

Child care and gardening would seem to be "naturals" for conversation among farm women. Yet, I have come to know that if I bring up these subjects, the other women present will look at each other in sort of a helpless silence for a moment or two—and then change the subject.

I got a pretty good glimpse of my future when I visited the local church young people's group before we were married. My husband's sister and ONE other girl were the only ones who made any effort to welcome me.

And don't pass that off as the inexperience and thoughtlessness of youth. A few months ago I had occasion to introduce a young woman to a dozen ladies seated with us for refreshments following a meeting of church women. NOT ONE of those women had more than a half-hearted nod for this "outsider."

Permit me to give you one more example. Our community has recently been enriched by the arrival of a gracious, talented woman who married a local farmer. She has given unsparingly of her time and abilities—and yet when she comes to a meeting she sits alone. I have never seen anyone make a friendly gesture toward her.

When my husband and I were married, there was a big turn-out for our house-warming—but I don't flatter myself that those who came cared about me. I am forced to conclude that they love a party—any party! None of them have ever come just to spend a sociable evening with us. A few have paid us "duty calls" in return for visits we have made to their homes, but most have not done even that.

Please don't think that my entire life is miserable because of these events. I have a wonderful husband and a fine family and I love being a farm wife and mother. We have a farm that offers a terrific challenge and most of the time we are so engrossed in meeting that challenge that we hardly notice the things I have written about here.

Why, then, did I write about them? Because our children are approaching school age and I know only too well how cruel small children can be to each other. Will my children's school mates reflect the attitude of their parents in their relations with my small ones?

I hope that as I have an opportunity to participate in P.T.A. and that as the children get older, giving me more "freedom" (I hesitate to use that term—after all, who wants to be "free" from their kids!) to take part in community affairs, many of these problems may right themselves. I certainly shall continue making every effort to remedy the situation.

Perhaps my readers can help. Maybe in the process of putting my thoughts down on paper I have unwittingly revealed personal traits that provide clues to the reasons for my problem. But also, won't you, my reader, take a moment to reflect on your community's attitude toward newcomers. What have you yourself actually done to make even one stranger welcome in your midst?—A disillusioned farm woman.

* * * *

WHAT DO YOU THINK?

This unidentified young farm wife is a real person. She is asking some honest questions. Has this happened to you? Could it happen in your community? Whose fault is it? What can be done now to make this woman feel a member of the community?

We'd like to get your ideas. Write us what you think.—Z.M.

Country air

Readers of Country Air will be glad to know that Mrs. Wherry continues to improve and should soon be back writing her column again. Thanks to the many women who have sent in good columns during her absence. I wish I could use them all.—Z.M.

TO A teen-age farm daughter:

This is just a usual Sunday evening on the farm. You are at Young People's Meeting, and your Dad has a pastoral Committee Meeting.

As I write, there is the mournful, but resigned bawling of a bull, sad with his enforced imprisonment in the dim barn. There is the sigh of the evening breeze rattling drouth-dried leaves. There are a few magically winking fireflies. And on the porch are six kittens gamboling with mischievous feinting and softly thudding paws.

I have always thought that farm life was more wholesome and natural than urban life. But I got to wondering just what the farm had given you. On the farm, we deal with the elemental forces of nature. Each form of life depends on others. A mouse may enjoy life, yet it is only a potential meal for a cat. No matter how much we need rain, we must wait until atmospheric conditions make it possible.

We have seen dumb animals nursing their young, or suffering mutely and patiently unto death. You have known the planning and working together of a family. You have had the independence of ownership—its problems too. You have learned to appreciate and live with many personalities.

Remember when you were at the braids and bangs stage, the golden bronze and green gamester cock who would test your courage with sudden flashing and flying attacks? Remember how careful and kind old Prince, our old work horse was? I can see you yet sliding down under his hind heels from the load of hay and the way his huge hoof stopped in mid air, and then was placed carefully in front of you. I still breath a prayer of thankfulness at the memory.

Remember Sambo, the shoat, who was so sociable and fun-loving and who had such a range of inflections in his grunts and squeals? And who can forget Jill, the bottle-fed lamb, who thought she was a human, completely ignoring her own kin who were on the other side of the fence.

Of course, most of our cats taught us our place. Petunia, for instance, looked such an ordinary cat. But she had such particular tastes and so many ways of satisfying these tastes.

But now my dear, the outside world is on your doorstep. You watch television, listen to the radio and read many books and magaines. But every one of us have an inner world of the individual spirit. May you never lose the sense of oneness with the universe and its Creator. May you never be ashamed to work with your hands as well as your head. May you always remember the joy of effort that produces for actual need. And may you never lose your interest and respect for all other living things.

I truly hope that your life as a farm daughter has made you a better, kinder and more understanding being. — **Mrs. David Paul, Marshall county, Iowa, guest columnist.**

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SLOW DOWN AND LIVE

SEASONAL one-dish meal is the Beef and Corn Casserole recipe below. It makes a delicious and filling dish for either the noon or the evening meal.

Cookery corner

Beef and Corn Casserole

1 lb. ground beef
2 eggs
¼ cup milk
1 cup soft bread crumbs
1½ teaspoons salt
2½ cups cream-style corn
2 teaspoons prepared mustard
½ cup finely chopped onion

Beat the eggs. Stir in the milk and bread crumbs. Add remaining ingredients, and mix thoroly. Turn into a well greased one-quart casserole. Bake in a moderate oven for one and one-half hours.

Lemon Cream Puffs

½ cup water
¼ cup butter
½ cup flour
⅛ teaspoon salt
2 eggs

Heat water. Add butter, and bring to boiling point. Add all at once the sifted flour and salt. Cook over low heat, stirring constantly, until batter leaves sides of pan and forms a ball. Remove from heat. Beat in eggs, one at a time, being sure that each is well blended. Place spoonfuls of batter in two-inch rounds on greased tin, heaping them well in center. Allow two inches between puffs. Bake in a 400-degree oven for 30 minutes. Reduce heat to 350 degrees, and bake five minutes more. When puffs are cool, cut a gash in side of each puff and fill with the following filling. Dust puffs with powdered sugar.

Lemon Filling For Puffs

1 can frozen concentrate for lemonade
1 can of water
½ cup sugar
2 tablespoons cornstarch
2 tablespoons flour
2 egg yolks slightly beaten
2 tablespoons butter

Add water to concentrate (this will make 1½ cups liquid). Combine sugar, cornstarch, flour and lemon mixture. Cook over moderate heat until it comes to a boil. Boil one minute stirring constantly. Remove from heat. Beat a little of this mixture with the slightly beaten egg yolks, then beat into the remaining hot mixture. Return to heat, and cook one minute more. Add butter, and cool. Fill cooled puffs.

Sugar Cream Frosting

½ cup butter
1 lb. powdered sugar
1 egg white, unbeaten
3 tablespoons milk
½ teaspoon lemon juice
½ teaspoon vanilla

Place butter in mixing bowl. Allow to soften, then cream well. Stir in half the sugar, and mix well. Add egg white. Beat until light and fluffy. Then add remaining sugar beating after each addition until smooth. Add lemon juice and vanilla, and mix well.

Frozen Eggnog

5 eggs separated
1 cup sugar
4 cups milk
1 tablespoon vanilla
1 cup heavy cream, whipped
1 teaspoon nutmeg

Beat the egg yolks, and add sugar, milk and flavoring. Turn into the freezing tray. Set at coldest point, and freeze until a soft mush. Remove from the tray to a chilled bowl. Fold in whipped cream and then stiffly beaten egg whites. Return to the tray, and continue to freeze until firm. Stir several times during the process. Sprinkle with nutmeg at serving time.

Robin Hood Homemakers' Club

Here Are Some of the Wonderful Premiums You Get Through the Robin Hood Homemakers' Club!

Below are just a few of the useful and beautiful articles you can get at terrific savings with the Homemakers' Club stamps that come in bags of Robin Hood Flour. They come to you postage or shipping prepaid, at the prices indicated. They are illustrated at the right.

A Shakespeare "True Blue" Reel—Chrome plated, level-wind. A real fishing value. Quality at an economy price. *Retail $6.95—6 Stamp Values and $3.95.*

B Gotham Picnic Kit—Metal case in wicker design. Two 1-qt. bottles and spacious food compartment. *Retail $9.95—8 Stamp Values and $6.95.*

C Westinghouse Electric Skillet—Cooks with "Spread-Even" heat. Thermometer-type control. Immersible. *Retail $22.95—20 Stamp Values and $15.85.*

D Hallerware Serving Tray—Floral pierced and engraved chrome tray. 18½ x 12 inches. *Retail $4.98—6 Stamp Values and $3.50.*

E Cory Knife Sharpener—Sharpen knives professionally with ease. Just push button, draw blade along guide and wheel. *Retail $14.95—10 Stamp Values and $9.90.*

F Dale Evans Watch—Dale Evans in full color. Slim round chrome case. Western leather strap. *Retail $5.45*—6 Stamp Values and $3.50*.*
*Includes Federal Excise Tax.

G Dan River Sheets—Sturdy, snowy white muslin. Full size. Pkg. of 2. 81" x 108". *Retail $5.75—6 Stamp Values and $4.50.*

H Ideal "Betsy Wetsy" Doll—The popular drink and wet doll that cries real tears. *Retail $6.00—6 Stamp Values and $4.25.*

I Argus "75" Camera Kit—Camera, leather carrying case, flash gun, two batteries, four flash lamps and roll of 620 film. *Retail $22.50—20 Stamp Values and $18.25.*

J Cannon "Jackstraws" Towel Set—2 bath, 2 miniatures, 2 face cloths. Pink, gold or green pastel. *Retail $4.00—6 Stamp Values and $2.90.*

K Westinghouse Hand Vac—Does the job as well as a floor model. Rotary brush. 20-ft. cord. *Retail $26.95—20 Stamp Values and $18.50.*

L Westinghouse Clock Radio—Wake up to music automatically. 5-tube set with Telechron clock. *Retail $29.95—25 Stamp Values and $24.25.*

M Dormeyer Portable Mixer—Handles all mixing jobs with 5 speeds. White enamel finish. *Retail $17.95—15 Stamp Values and $12.60.*

N Proctor "Family" Toaster—Color guard assures golden brown toast. Today's fastest automatic toaster. *Retail $19.95—15 Stamp Values and $14.00.*

O Vitality Coffee Maker—by Mirro. Polished aluminum electric percolator. Shuts off automatically. 4-8 cups. *Retail $12.95—8 Stamp Values and $6.50.*

Robin Hood FLOUR.

Announcing the NEW Robin Hood Homemakers' Club

A New Continuing Premium Program for Robin Hood Flour Users

Robin Hood Homemakers' Club

Save Up to 50%

on Famous Brand Name Merchandise!

Now, in every bag of Robin Hood Flour you'll find Robin Hood Homemakers' Club stamps that will bring you wonderful articles for your home and family at discounts up to 50%!

Illustrated are some of the more than 150 items offered — nationally advertised merchandise with such famous names as Westinghouse, Proctor, Cory, Argus, Dormeyer! All items are shipped prepaid to your door. You can order without long waiting, without saving quantities of stamps. In fact, many items require no more stamps than the number packed in just one bag of Robin Hood Flour.

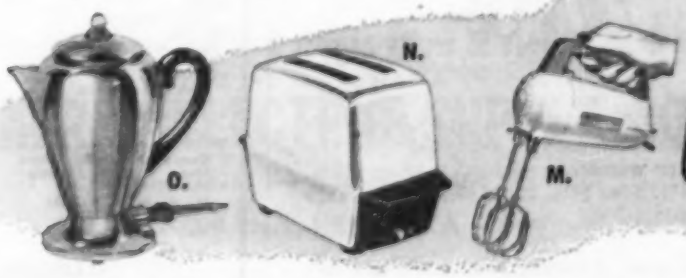
So do all your baking with Robin Hood Flour and join the Robin Hood Homemakers' Club. Full particulars, together with stamps, are in every Robin Hood bag.

For a short time, at your grocer's, you'll also find a Robin Hood Homemakers' Club catalog packed with each bag. Or you can get one by writing to Robin Hood Homemakers' Club, New Prague, Minnesota.

Enriched

Robin Hood FLOUR®

The One Flour for All Your Baking!



Styles for early fall

Nos. 8395 and 8396. Pretty long waisted frocks in big and little sizes. No. 8395 is in sizes 10, 12, 14, 16, 18, 20. Size 12, with sleeve, 5 yards of 35-inch. No. 8396 is in sizes 3, 4, 5, 6, 7, 8, years. Size 4, with sleeve, 1¾ yards of 35-inch. Two patterns, 30 cents each.

8395
10-20

8396
3-8 yrs.

No. 8378. An attractive shirtwaister. Try a slimming stripe, add novelty buttons. Sizes 12, 14, 16, 18, 20; 40, 42. Size 14, short sleeve, 4¼ yards of 39-inch.

No. 8412. A "must" for a school wardrobe—princess lined jumper and blouse set. Wear the dress alone for parties. Sizes 9, 11, 12, 13, 14, 16, 18. Size 11, jumper, 5¼ yards of 35-inch; blouse, short sleeve, 1⅝ yards.

8378
12-42

8412
9-18

No. 8409. Here's a lovely button front style in a wide range of sizes to slim and trim the mature figure. Sizes 36, 38, 40, 42, 44, 46, 48, 50, 52. Size 38, short sleeve, 5½ yards of 35-inch; ¼ yard contrast.

8409
36-52

8317
12½-24½

8365
8-14 yrs.

Patterns are 30 cents each, coin preferred. New Basic Fashion Book for fall and winter is now ready. Price is 25 cents per copy. Address your orders to Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

No. 8317. No alteration problems with this half-size classic! Designed to fit the shorter woman to perfection. Sizes 12½, to 24½. Size 14½, short sleeve, 4¼ yards of 39-inch.

No. 8365. A darling collared frock that's sure to delight a young school miss. Sizes 4, 6, 8, 10, 12, 14 years. Size 6, 2⅞ yards of 35-inch; ⅜ yard contrast.

FREEZERS

Sold - Serviced and on display at the following G-E authorized dealers

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North Iowa Sewing Machine Co.
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DAYTON
Hansen Electric
DYERSVILLE
Schermann's Implement & Appliance

EAGLE GROVE
Brauman Refrigeration
EPWORTH
Silker & Son

FAIRFIELD
Robinson & Robinson
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KNOXVILLE
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LAKE CITY
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LOWDEN
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NEVADA
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NEWTON
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ONLY $399.95*

18-cubic-foot G-E Freezer value

NEW G-E "Book-Shelf" Freezer

★ Puts twice as much food within easy reach as a chest freezer

★ Holds 640 pounds

Feature for feature, dollar for dollar, this big General Electric "Book-Shelf" Freezer is one of the greatest freezer values on the market today.

Compare cost of this new "Book-Shelf" Freezer *even with chest freezers* of comparable size and quality! Stores as much as a chest . . . yet takes only half the floor space. And there's no bending, no rummaging, no lifting as with a chest . . . food is as easy to reach as books on a shelf. Gives you General Electric's new straight-line design, plus all this:

- **8 fully refrigerated surfaces . . . not just 4 "cold" walls**
- **Frozen juice can dispenser; holds 20 cans**
- **Automatic interior light**
- **Ice cream conditioner; holds 4 half-gallon packages**
- **Big sliding basket for odd-sized items**
- **7 extra-wide and deep door shelves; hold 88 pounds**
- **10-position temperature control including "off"**
- **Safe-guard alarm system**
- **3-year warranty against food spoilage**
- **5-year warranty on sealed-in refrigeration system**

Available in beautiful G-E Mix-or-Match colors: Canary Yellow, Turquoise Green, Petal Pink, Cadet Blue, Woodtone Brown—or White.

**Distributor's recommended retail price. See your General Electric dealer for exact terms.*

See this and other sensational freezer values at your G-E dealer's

GENERAL ELECTRIC SUPPLY CO.

A Division of the General Electric Co.

OMAHA, NEBRASKA

Who wouldn't feel better

Glass Jars Now Used for Canning or Freezing!

According to tests made at the University of Massachusetts, the familiar glass canning jar meets all the requirements for packaging frozen foods. In answer to the belief that glass breaks easily at low temperatures, the University Bulletin* declares: "Technically speaking, there is no available evidence to the effect that the brittleness of such containers is increased at low temperatures".

GLASS PROVED PROTECTIVE. Glass canning jars used for freezing are moisture-vapor proof, which prevents freezer burn or drying of foods. They are also leak-proof and air-tight, so they protect the flavor of preserved food and prevent foreign odors or flavors from penetrating. Glass jars will not absorb from the food contained, and they have no odor or taste to impart.

A PRACTICAL CONTAINER. Glass jars have many practical features the homemaker will find appealing. Glass can be sterilized and kept clean. Foods do not adhere to it. It is neat and attractive, never messy. Besides, being transparent, glass jars need no labels to identify contents.

ECONOMY THROUGH RE-USE. Since the same jars used for canning can be used for freezing, the housewife will not have to buy special freezing containers. Furthermore, since glass containers are so durable, they can be used over and over again, for many seasons.

ATLAS GLASS JARS. Atlas Jars have been used and preferred by home canners for over fifty years. These jars have all the advantages noted in the University Bulletin. In addition, Atlas Jars meet rigid requirements for strength and quality. They are double-tested for strength, and individually inspected for clearness and perfect workmanship. Atlas Jars come in all sizes, and when used with the Atlas Arc-Lid, make a most dependable container for either frozen or canned foods.

FREE INSTRUCTIONS, RECIPES. The makers of Atlas Jars have prepared a fully illustrated booklet containing complete instructions for successful home canning and freezing and useful recipes. You may obtain a copy by writing to: Hazel-Atlas Glass Company, Dept. F, Wheeling, W. Va.

Published by Hazel-Atlas in the interest of the American Housewife

*Massachusetts Agricultural Experiment Station, Bulletin No. 465, June 1952. Cooperation in this research was given by the Hazel-Atlas Glass Company.

Modern Appliances Are Time and Work Savers

Notice the appliance ads in this paper . . . see and read about these convenient items of modern day living that save you time, work and make your life a lot more enjoyable. A major appliance is one of the best household investments you'll ever make.

Wallaces' Farmer and Iowa Homestead
Des Moines, Iowa

New recipes for squash

PERHAPS you planted some Zucchinni or Italian squash in your garden this spring. Perhaps by now the vines are all over the place, and every few days there's a new crop of cucumber-shaped squash. How do you prepare them?

Well, versatility is a good description for these squash. They can be boiled, fried, baked, alone or mixed with any number of different foods. In fact, you can turn them into just about anything but dessert.

Perhaps the simplest way of serving Zucchini is to cook it with onion, garlic and seasoning.

About two tablespoons of cooking oil is all the liquid that's needed on the sliced but not peeled squash. That, with part of an onion cut up, a clove or less of garlic and cooked over low heat for 10 minutes, makes a tasty dish for noon or evening meal. If you happen to grow your own herbs, like thyme or sweet basil, your squash will be tastier for the addition of a few.

Most people, we know, cook their squash with tomatoes and onions, adding, perhaps, crisp bacon bits. Others make a mouth-watering dish by swissing round steak and adding sliced squash to simmer in the gravy the last 10 minutes. And don't forget the garlic. Zucchini and garlic go together like ham and eggs.

But our very favorite way is really best, if it does take a lot of time and fixing.

Take eight Zucchini about eight or 10 inches long.

Wash and parboil in a large kettle until tender. Drain, and cool. Cut in half lengthwise, and scoop insides in a chopping bowl. Put the squash halves on two cookie sheets. Salt inside, and keep draining off the water.

For stuffing: add one pound ground round steak (I partially fry it first), one cup cooked chard, three cloves minced garlic, one onion chopped finely, one and a half cups bread crumbs, two eggs and salt and pepper to taste. Add this to the squash halves insides, and fill the squash halves. Top liberally with grated cheese. Bake in a 350 degree oven for 45 minutes.

When I've fixed a platter of stuffed Zucchinni for my family, I can just about ask for anything. Why don't you try it?—Marilynn MacDonald.

"Saying the barn's on fire is a pretty sneaky way to get the newspaper."

THE ALL NEW

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MASON CITY, IOWA

AUGUST 6 thru 12

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Bigger and Better Than Ever . . . In Its New Location, West of Mason City on Highway 18

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GRAND OPENING OF NEW GROUNDS

- Formal Dedication by Gov. Leo Hoegh
- Movieland Horse Capers (Free Performance)
- Fireworks Finale

FAIR OPENS 4 P. M. MONDAY, AUGUST 6

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MOVIELAND HORSE CAPERS
(Free Performances)
TUESDAY and WEDNESDAY
AUGUST 7 and 8
2 and 8 P. M.

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Cerro Gordo County RURAL YOUTH DAY
Performances by County 4-H, FFA and FBYP Groups
THURSDAY, AUGUST 9
2 P. M. and 8 P. M.

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AUT SWENSON'S THRILLCADE
KID'S DAY
FRIDAY, AUGUST 10
2 P. M. and 8 P. M.

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100 MILE STOCK CAR RACE
SATURDAY, AUGUST 11
2 P. M.

• • •

TINY HILL SHOW
SATURDAY, AUGUST 11
8 P. M.

• • •

BIG CAR RACES
SUNDAY, AUGUST 12
2 P. M.

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20TH CENTURY SHOWS
ON THE MIDWAY
EVERY AFTERNOON AND EVENING
- Exhibits of Every Kind
- Many Special Awards

Don't Miss This Outstanding North Iowa Event!
FUN FOR THE WHOLE FAMILY!

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Insure with your County Mutual and you get the safest insurance of all—proven by the test of time. In Iowa, the first County Mutual was founded in 1856. Now over 150 County Mutuals in the state protect over three billion dollars worth of Iowa property. Contact your local County Mutual for the best in farm insurance.

FARM SAFETY HINT FOR THIS MONTH

Repair your chimney. Replace soft mortar . . . repair cracks . . . and look for loose bricks.

This message sponsored by:
FARMERS MUTUAL REINSURANCE CO.
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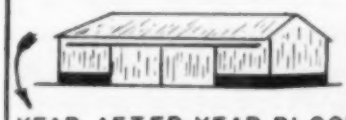

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(2) HIGH QUALITY BUILDINGS
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USE OUR EXPERIENCE TO SAVE YOURSELF TROUBLE & MONEY

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KILL RATS QUICKER!

The first nibble of STEARNS' kills in minutes or hours (not days or weeks). Contains HM-75, irresistible rat lure. Doomed rats seek air, water, and die outside. Used by gov't agencies. Also kills mice, roaches, burrowing animals. AT DEALERS, ONLY 49¢

STEARNS' ELECTRIC PASTE

The Farm Flock

EGG PRODUCTION on Iowa farms totaled 400 million eggs during June, according to the Iowa crop and livestock reporting service. This may be compared with 453 million eggs produced during May, 410 million for June, 1955, and with the 1945-54 June average of 401 million eggs.

▼ ▼ ▼

LAYERS ON FARMS in Iowa during June totaled 21,420,000, compared with 21,626,000 layers a year earlier. Rate of lay at 1,866 eggs per 100 layers during June is the second highest for the month, 30 eggs less than the rate of 1,896 eggs for June, 1955.

▼ ▼ ▼

MEDIUM EGGS that sell for 28 cents per dozen equal about 21 cents per pound. Large eggs, if sold for 32 cents per dozen, would bring an equal price per pound of eggs. Small eggs would have to bring 24 cents per dozen to be equal in price per pound.

▼ ▼ ▼

MINIMUM WEIGHTS per dozen required by USDA consumer grade eggs are peewee, 15 ounces; small, 18 ounces; medium, 21 ounces; large, 24 ounces; extra large, 27 ounces, and jumbo, 30 ounces.

▼ ▼ ▼

SIX STATES—California, Minnesota, Virginia, Iowa, Texas and Ohio—produced about half the total number of turkeys in the U. S. in 1955. Turkey production this year in these states is expected to be above last year. The states are listed in order of total number of turkeys produced.

▼ ▼ ▼

POULTRY INCOME is no longer "chicken feed." Iowa poultrymen received a gross income from eggs, broilers, farm chickens and turkeys of $181,657,000 in 1955. Egg prices have been slightly above last year, and turkey production is up this year which means that Iowa poultry gross income should be above last year.

▼ ▼ ▼

EARLY PULLETS have started laying. The average flock is several weeks ahead of the usual stage of development at this time of the year. Pullet eggs will soon start to market. Maybe the market for pullet eggs will be better this year. But with more pullets coming into lay early, you may see an earlier depression of the pullet egg market.

"So there's where production had fallen to!"

Who wouldn't feel better when a warm, little voice, miles and miles away, asks—

"How're you feeling, Gran'ma?"

Marty Smith chats happily with his grandmother, who is in a Detroit hospital. Marty's parents, Mr. and Mrs. Norman Smith, wait for him to have his say.

ELEVEN HUNDRED MILES separate Norman Smith's farm in Keith County, Nebraska, and a Detroit hospital room. But Mr. and Mrs. Smith know that the farm and hospital are only a happy heartbeat away by telephone.

You can see from the picture above that they enjoy keeping in touch with Mr. Smith's mother. And they've found they can use their phone in other ways to help make farm life pleasant — and profitable, too.

Mr. Smith belongs to a three-man team which operates as Carson Smith & Sons. They raise wheat on their 2,000 acres of rich tableland.

In addition, the Smiths feed about 100 cattle yearly. They winter them in dry lots on hay and ensilage or on green wheat pasture when the weather is favorable.

All of the wheat is custom harvested. Shortly before harvest, arrangements are made by telephone with custom cutters working northward through the Oklahoma-Kansas wheat belt.

Then, with cutting in progress, Mr. Smith telephones to check with elevators for bids on the crop.

Besides four-year-old Marty, the Smiths have another son — eight-year-old Ronnie.

Both Mr. and Mrs. Smith are active in community affairs. She is treasurer of her P.E.O. chapter and a member of Epsilon Sigma Alpha sorority, Eastern Star and the church choir.

He is an officer in the local Chamber of Commerce, a member of the church board and is Keith County secretary of the Nebraska Wheat Growers Association.

Helping farmers and ranchers to get work done and to participate in worthwhile community service is an important job of the NORTHWESTERN BELL TELEPHONE COMPANY.

Of course Marty told his grandmother all about these two little orphans!

"I'm Carman Breeding of Altoona. Chickens are one of our main sources of income. A FELCO feeding program helps us increase our profits. Last year we averaged better than 76% production on FELCO Laying Mash. We get double profit by buying FELCO cooperatively at our Farmers Elevator in Bondurant. Why don't you join with the more than 130,000 of us who own FELCO? See the manager of your local cooperative. That's the only place you can get FELCO."

READ THE ADVERTISEMENTS—THEY'RE NEWS OF WHAT'S NEW

"After three years of trouble-free performance with our Dari-Kool

we are more certain than ever we made the right choice"

"We were one of the first in this area to go bulk in the summer of 1953, and at that time we felt that Dari-Kool represented more value per dollar invested than any other bulk milk cooler. After three years of trouble-free performance with our Dari-Kool, we are more certain than ever that we made the right choice."

writes
CARROLL DICKINSON
Mason City, Iowa

DARI-KOOL®
BULK MILK COOLER

The ICE BANK Cooler that outperforms and outsells them all!

Milk may be poured or piped into the cooler

Model shown — 200 gallon Dari-Kool

Also available in 100, 150, 250, 300, 400, 500, 600 and 700 gallon capacities.

Cools Fast and Economically and DOES NOT FREEZE MILK

Milk is rapidly cooled to below 38° — assuring a lower bacteria count and better milk. The milk cannot be damaged by freezing because *Ice Water Does Not Freeze Milk.*

Dari-Kool Tanks are built of stainless steel — inside and out (not painted black iron).

Compare them all and you'll buy a farm-proven, guaranteed Dari-Kool—America's largest selling bulk milk cooler.

JUST ASK ANY DARI-KOOL OWNER.

MEETS ALL 3A SANITARY STANDARDS

DARI-KOOL TANKS ARE EASIER TO CLEAN AND KEEP CLEAN

Milk cannot dry and harden on the moist, refrigerated walls of a Dari-Kool Milk Tank. This makes the tank easier to clean and retards the formation of troublesome milk stone.

DARI-KOOLS ARE SOLD AND SERVICED EVERYWHERE

Before you decide on any tank be sure to send for our new

FREE CATALOG
JUST OFF THE PRESS

DAIRY EQUIPMENT CO.
1444 E. WASHINGTON AVE., MADISON 10, WIS., Dept. 120

Please send, without obligation to me, complete information about Dari-Kool Bulk Milk Coolers.

NAME .....
TOWN ..... RFD .....
COUNTY ..... STATE .....

TESTS PROVE IT!

NEW FORD MOUNTED CORN PICKERS

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SEE YOUR NEARBY FORD TRACTOR AND IMPLEMENT DEALER

When writing to advertisers, will you please mention this paper?

SAVE YOUR LIFE!

Whether farm boys learn to drive tractors safely depends largely on their parents. True story below is reported by Norval J. Wardle, Iowa State College safety specialist.

"FRANK, will you take Johnson's tractor back?"

"I haven't ever driven a tractor like theirs, Dad."

"Oh, there's nothing to it. You've driven our tractor. This one has a foot clutch instead of a hand clutch."

Fourteen-year-old Frank climbed onto the strange tractor which was idling, stretched his left foot to push in the clutch and moved the gear shift. There was a grinding sound. Frank slipped forward in the seat to push the clutch farther, and finally ground in the gears.

"I'm glad I don't have to drive this tractor much with the seat like this. I can't reach the clutch," thought Frank as he rolled out onto the road.

The tractor drove easily. Nothing to it. That road gear surely travels. He'd make it all right. "Surely a nice morning. Looks like Pete's mowing alfalfa."

Frank drove merrily along. The tractor and the road faded almost out of his consciousness. He stood up as he reached the next rise. The tractor picked up speed as it went down hill.

"Ransoms are . . . . Oh, where's this tractor going?"

"The clutch—cut speed—turn!"

The tractor struck the shoulder of the road and bounced, as Frank frantically reached for a clutch which wasn't there.

The other wheel hit the shoulder, and over the tractor went—down the embankment into the drainage ditch, upside down in four feet of water.

Just by chance, Frank was thrown clear and received only a bruised shoulder. But there could have been a vacant chair at Frank's home.

Remember:

1. Always give a driver some training on a new tractor in an open, safe field.
2. Adjust the seat for the driver.
3. Drive the tractor at a moderate safe speed.
4. Drive the tractor in the right lane of the highway.
5. Driving is a full-time job; do other jobs when you are not driving.

"All clear, Charlie. That bill collector gave up."

NEW TWIN HOIST FOR FARM TRUCKS

"Teleramic" twin hoist makes a dump truck out of your farm truck.

Here is a hoist farmers have been looking for. Especially designed for **lowest loading height, new weight distribution** for greatest legal payloads, and **lighter weight** to beat high license fees. This Anthony "Teleramic" twin telescopic hoist is built to take it under roughest duty farm work – a low cost way to do hundreds of farm hauling jobs. IDEAL AS A REPLACEMENT HOIST, TOO. Write for new free literature.

Sold by these authorized distributors, or your local truck dealer.

DES MOINES, Hawkeye Truck Equip. Co., 6th at Keo Way
MOLINE, ILL., Moline Body Co., 222 52nd St.
OMAHA, NEB., Badger Body & Mfg. Co., 2719 Cuming St.
SIOUX CITY, E. L. Graham Brake Co., 208 S. Howard St.

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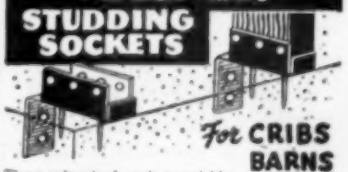
ANTHONY HYDRAULIC — ANTHONY COMPANY, Streator, Illinois

WAGNER STUDDING SOCKETS



For **CRIBS BARNS SHEDS ETC.**

These galvanized anchors quickly and easily placed in concrete provide strong rot-proof construction. Write for folder and prices.

Also ask for information about Wagner Farm Building Hardware and Sectional Doors.

WAGNER MANUFACTURING CO.
Box WF-56 — Cedar Falls, Iowa

For 40 Years

HANSON SILOS

HAVE SET THE

Standard For Quality

- Strong reinforced concrete stave construction gives maximum durability—eliminates upkeep
- Silo Unloaders—Write for Data
- Concrete Stave Grain Bins Corn Cribs
- Easy Terms Available

HANSON SILO CO., LAKEVIEW, IOWA
Plants At: Lake Lillian and Luverne, Minn.

UNLOADS WAGONS FASTER!

FULLER hydraulic wagon dump

Dumps wagons quickly . . . easily. Goes higher . . . Lifts front of wagon box up to 8½ ft. from ground. Requires ½ fewer strokes than ordinary, slower dumps. Fuller Hydraulic jack easily removed for other uses. Easy to set in place and operate.

See Your Dealer or Write

FULLER Manufacturing Company
DEPT. 1364 — CENTERVILLE, IOWA

SPARKY SAYS

Farm News Briefs

AVERAGE MONTHLY wage rates for Iowa farm hands have been compiled by the Iowa crop and livestock reporting service. As of July 1, average wage with board and room was $139 per month on Iowa farms. With house only furnished, average wage was $170 per month. On July 1, 1955, average farm wages were $141 a month with board and room, $166 a month with house furnished.

▼ ▼ ▼

IOWA STATE FAIR rodeo has been announced for Thursday, August 30, thru Sunday, Sept. 2, afternoons plus Saturday night, September 1. More than $10,000 in prizes are offered in five events—bareback riding, saddle bronc riding, calf roping, steer wrestling, and bull riding. Top riders from all over the west will compete for prize money. In addition, the rodeo will feature Roy Rogers, Dale Evans, Pat Brady, and the Sons of the Pioneers.

▼ ▼ ▼

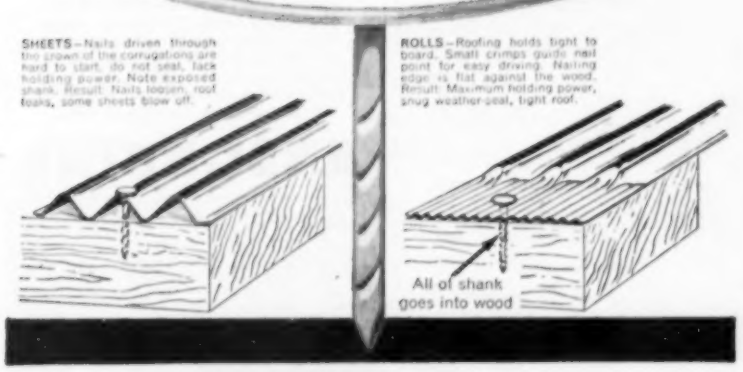
ENTRIES of boars, gilts, and truckloads of market hogs in the National Barrow Show close Monday, August 20, says P. J. Holand, director of the show. No entry in those classes will be accepted if postmarked after midnight, August 20. But entries of single barrows will be accepted up to 10 a.m., September 4.

BUTTERMAKERS and creameries thruout the country may compete in the butter contest at the Iowa State Fair, August 24-September 2. Any creamery, even those outside the United States, may enter. Entries consist of a 20-pound box or tub of butter and should be sent to: Butter Contest, Des Moines Cooperative Marketing Association, 19th Street and East Des Moines, Des Moines, Iowa. Entries must arrive not later than August 22.

▼ ▼ ▼

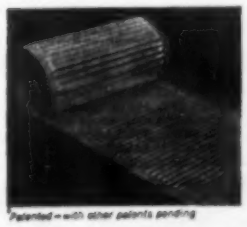
COMING EVENTS: Southern Iowa Fair, Oskaloosa, August 6-11; North Iowa Fair, Mason City, August 6-12; Illinois State Fair, Springfield, August 10-19; Annual Meeting American Soybean Association, Urbana, Ill., August 13-15; All-Iowa Fair, Cedar Rapids, August 13-19; Missouri State Fair, Sedalia, August 18-26; Iowa State Fair, Des Moines, August 24-September 2; Minnesota State Fair, St. Paul, August 25-September 3; Midwest Old Settlers and Threshers Reunion, Mt. Pleasant, Iowa, September 5-8; Cow Conference, Iowa State College, September 7; Annual Conference Iowa Soil Conservation District Commissioners, Waterloo, Iowa, September 9-11; Clay County Fair, Spencer, Iowa, September 10-15; National Barrow Show, Austin, Minn., September 11-14.

YOU HIT THE NAIL ON THE HEAD



CECO **ROLL ROOFING*** IS TIGHTER

Compare these two pictures and see how much more holding power you get from your nails when you use Ceco Corrugated Galvanized Roll Roofing. The steel nailing edge lies down flat against the wood nailing strip . . . none of the nail shank is wasted. You drive the nails all the way home . . . so the lead really seals around the nail holes. This gives you the tightest roof of all. Ceco Corrugated Roll Roofing goes on faster and easier than a sheet roof . . . requires less framing lumber . . . saves you time and money.

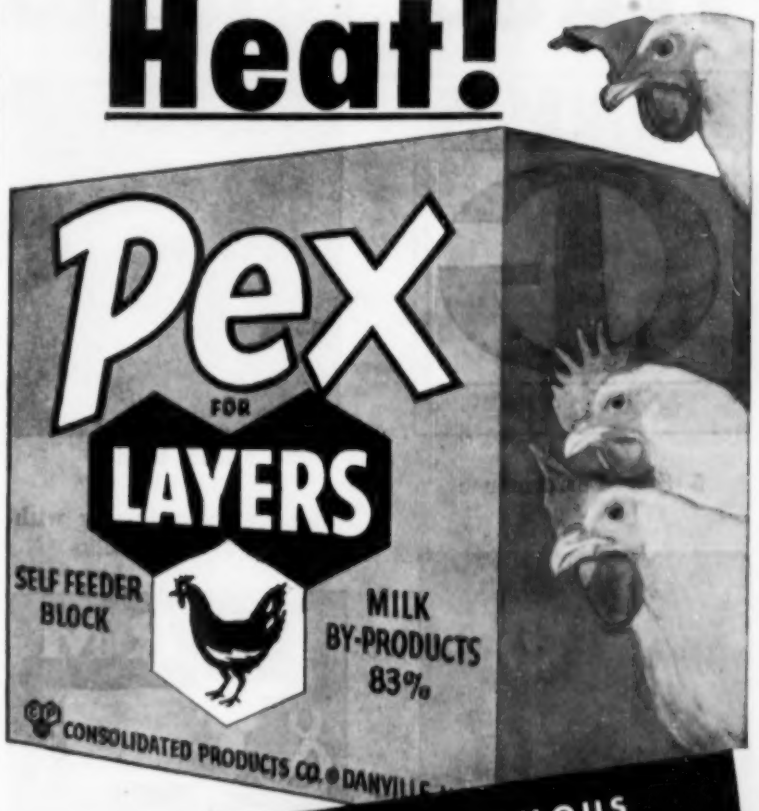


*Patented—with other patents pending

CECO STEEL PRODUCTS CORPORATION
Merchant Trade Division
South Bartonville, Peoria 1, Illinois • 1141 N. 11th Street, Omaha 1, Nebraska
Warehouses: Omaha / Peoria / Minneapolis / Chicago / Houston / Los Angeles / San Francisco

In metal building products Ceco Engineering makes the big difference . . . Metal Roofing Products/ Rain Carrying Goods/Metal Lath and Accessories/Windows, Screens and Doors/Concrete Reinforcing

Beats the Heat!



SUCCESSOR TO FAMOUS SEMI-SOLID "E" EMULSION

KEEPS FEED INTAKE, EGG PRODUCTION HIGH

Here's the new, easy, sure way to keep your hens eating and laying right through the hot weather. Just unzip handy self-feeder blocks of PEX* for LAYERS! Moist, cooling PEX helps keep appetites keen, feed intake up. No matter how hot the weather, your hens will peck enough PEX to whet their appetites, keep their feed consumption and rate of lay high!

PROTECTS HENS' HEALTH AND EGG QUALITY

Losses can be reduced by feeding PEX for LAYERS in hot weather. HIDROLEX* milk sugars help prevent exhaustion and "going light." DLW* whey fermentation solubles furnish reserve vitamins, minerals, and amino acids. Moist buttermilk aids digestion, helps control worms. Extra vitamin A and D and calcium improves shell quality. Added feed intake keeps up egg size.

A PEX PRODUCT FOR EVERY POULTRY PROGRAM
(In Self-Feeder Block or Condensed in drums)

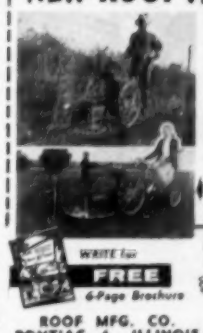
Pex for BROILERS . . .
for CHICKS. . . for TURKEYS
Pex WHEY BLOCK

C P CO

*T.M.'s for milk by-product feeds manufactured exclusively by Consolidated Products Co., Danville, Ill.

CUTS WEEDS! MOWS LAWNS! SAWS BRUSH!

NEW ROOF VP* MOWER



*VARIABLE PITCH
Gives Instant Blade Adjustment For Any Cutting Job.
• GEAR DRIVE SELF-PROPELLED
• FULL 26" CUT
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NEW LAWN SHIELD
available for use on lawns and high grass

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PONTIAC 6, ILLINOIS

DRAINS cellars, cisterns, wells, pools
IRRIGATES · CIRCULATES · SPRAYS

Pumps 3,000 GPH; 450 GPH 80' high; or 1,800 GPH from 25' well. Use 1/6 to 1/4 HP motor. Coupling included free. 1" inlet; 3/4" outlet. Stainless steel shaft. Won't rust or clog . . . $7.95

HEAVY DUTY BALL-BEARING PUMP
Up to 7,500 GPH; or 3,000 GPH from 25' well. 1 1/4" inlet; 1" outlet $13.95
Postpaid if cash with order. Money Back Guarantee.
LABAWCO PUMPS, Belle Mead 63B, New Jersey

THE STUBBLE CLEANER ENDS PLOW CLOGGING

Rakes straw and loose vegetation into furrow while plowing

THE STUBBLE CLEANER has been field tested and proven in all small grain, flax and soy bean straws, as well as in corn stalks and other loose-lying vegetation.

Write For Literature

D. F. WINTER MFG.
CEYLON, MINN.

Used Portable Livestock Scales

3,000 lb. capacity. Excellent condition. Wrap around trailer for easy transporting optional. Phone or write: Ranger Equipment, Delphi, Indiana.

READ THE ADVERTISEMENTS—THEY'RE NEWS OF WHAT'S NEW

Iowa Farm and Radio

Trade Marks

FUNK'S G HYBRID

5 Star Performance

Scott Lamb

Plows a deep furrow with Iowa Farm Folks

Ed. Montray

Accurate Authoritative News

FARM & HOME RADIO

Complete FARM Service

Fine quality performance is assured by these trade marks.

DIAL 940 **KIOA** Des Moines

FARM & HOME RADIO

IT'S EASY TO PUT UP SILAGE AND HAY!

with **McKEE Suction Forage Blower**

Takes the dirt and drudgery out of hay-making. You can put up more hay in less time with less machinery investment. 10" pipes will not plug.

Belt Drive, only $612.85 PTO Drive, only $796.00

(Price less discharge pipe. F.O.B. Crawfordsville)

See your local dealer or write today for FREE literature!

HENSS DISTRIBUTING COMPANY
CRAWFORDSVILLE, IOWA

Write For The
VALUABLE INFORMATION
Offered In The Ads.

Coming Livestock Sales

ANGUS

Aug. 8-9—American Futurity Show, St. Louis, Mo.
Aug. 27—Rose & McCrea Cow and Calf sale, Mayesville, Mo. J. B. McCorkle, Sale Mgr., Smithville, Mo.
Sept. 10—Wilton Farms, Otto and Dick Noble, Cow and Calf sale, Davenport, Iowa.
Sept. 11—Bardolier sale, F. M. Bradley Sons, Avon, Ill.
Sept. 17—Central States Angus sale, Marshalltown, Iowa. Clair G. Mason & Son, Mgrs., Box 243.
Sept. 21—J. Miles McGrew, Walnut Grove, Ill.
Sept. 22—E. W. Thompson, Sedalia, Mo.
Oct. 1—Davis County Angus Breeders, "Bargain Day and Club sale," Bloomfield, Iowa. Phillip Fuller, Secy., Milton, Iowa.
Oct. 6—Treasure Acres Calf sale, Blairsburg, Iowa.
Oct. 6—Bordland Calf sale, DeWitt, Iowa. Walter Olson, Jr., Mgr., Calamus, Iowa.
Oct. 6—Minnesota Breeders sale, Pipestone, Minn. Clement C. Chase, Secy., Box 669.
Oc. 13—Viewlawn Herds Production and 4-H Club Calf sale, Mabel, Minn. Maurice Boney, Sale Mgr., Box 740, Sorm Lake, Iowa.
Oct. 13—Lawnview Angus Farms, Mabel, Minn. Maurice Boney, Sale Mgr., Box 740, Storm Lake, Iowa.
Oct. 19—Woolever and Pollock, Unionville, Mo.
Oct. 20—C. H. Hauk, Cassville, Wis.
Oct. 24—Grand River Angus Breeders, Princeton, Mo. Marion Summers, Secy.

HEREFORDS

Sept. 7-8—Western Illinois Breeders Association, Mt. Sterling, Ill. Robert Allen, Secy., Warsaw, Ill.
Sept. 15—White Gates Farm, F. R. Moffet, Tipton, Iowa.
Sept. 22—Clark Grandfield, Lorimer, Iowa.
Sept. 22—Northeast Iowa Breeders, Postville, Iowa. John M. Hoover, Secy., Elkader, Iowa.
Sept. 29—John Dittmer & Sons, Lacona, Iowa. Sale at Knoxville, Iowa
Sept. 29—Herbert Killian, Forest Grove Farm, (Dispersion) Cedar Rapids, Iowa.
Sept. 29—Lamport Ranch, (Calf sale) Britton, So. Dak.
Oct. 4—Ralph Bramer, Carlisle, Iowa.
Oct. 6—Circle A Hereford Farm, Morris, Ill.
Oct. 12—Gerken Hereford Farm, Oelwein, Iowa.
Oct. 15—Thorp Hereford Farms, All Star sale, Britton, So. Dak.
Oct. 26—Wisconsin Hereford Breeders, Lancaster, Wis. Homer Graber, Mgr., Mineral Point Wis.
Nov. 1—Northeast Missouri Breeders, Memphis, Mo. Vernon Winkler, Secy., Memphis, Mo.
Nov. 3—Leland Shupe, Mendon, Disselhorst Farms, Quincy, Ill. J. Dwight Ernst, Mgr., Hamilton, Ill.
Nov. 3—Orval Burchett & Sons, Hereford Ranch, Grand River, Iowa. Wayne O. Burchett, Mgr.
Nov. 8—Spring Creek Ranch, Green Castle, Mo. Vernon Winkler, Mgr.
Nov. 10—Western Illinois Breeders Assn. calf sale, Macomb, Ill. Robert Allen, Secy., Warsaw, Ill.
Nov. 14—Bianchi & Sanford, Macon, Mo.

POLLED HEREFORDS

Sept. 24—Chas. Hart & Son, Conway, Iowa.
Sept. 29—John Dittmer & Sons, Lacona, Ia. Sale at Knoxville, Iowa.
Oct. 5—Max Arrasmith, Ames, Iowa.
Oct. 9—Southwestern Iowa Polled Hereford Association, Oskaloosa, Iowa. Calvin Cruzen, Mgr., New Sharon, Iowa.
Nov. 15—North Missouri Breeders, Chillicothe, Mo. Guy Tompkins, Secy., Lewistown, Mo.
Dec. 8—Illinois Polled Herefords, Princeton, Ill. Ernest Painter, Secy., LaHarpe, Ill.
Feb. 5—Northwestern Polled Hereford Breeders show and sale, Sioux City, Iowa. E. L. Baxter, Sale Mgr., Galva, Iowa.

SHORTHORNS

Sept. 1—Howard Hildreth, (Dispersion) R. 3, Estherville, Iowa. Sale at Spencer, Iowa. Albert Albert J. Hamann, Sale Mgr., Rock Rpaids, Iowa.
Sept. 18—P. A. Rasmussen & Sons, Goldfield, Iowa, and C. J. Schutjer, Wooden, Iowa.
Sept. 19—Hawkeye Downs annual Fall sale, Cedar Rapids, Iowa. Earl S. Girton, Mgr., Box 321, Marshalltown, Iowa.
Sept. 26—L. and A. T. Robinson, Masonville, Iowa.
Oct. 1—Northwest Missouri Breeders, Rockport, Mo. Dr. L. W. Landfather, Mgr., 412-W. Second St., Maryville, Mo.
Oct. 3—Harry Swanson, Holstein, Iowa.
Nov. 10—Central States Breeders, Oskaloosa, Iowa. C. E. Stewart, Sale Mgr., Rose Hill, Iowa.

POLLED SHORTHORNS

Sept. 15—Hawkeye Downs annual Fall sale, Cedar Rapids, Iowa. Earl S. Girton, Mgr., Box 321, Marshalltown, Iowa.
Sept. 25—Sioux Empire Polled Shorthorn Club, Sioux Falls, So. Dak. Albert J. Hamann, Sale Mgr., Rock Rapids, Iowa.
Oct. 13—Illinois Polled Shorthorn Breeders, Springfield, Ill. Hal Longley, Sale Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 29—Missouri Breeders, Sedalia, Mo. Rollo E. Singleton, Sale Mgr., Jefferson City, Iowa.
Nov. 2—Iowa State Polled Shorthorn Club Inc. sale, Boone, Iowa. Wayne A. Carr, Secy., Cincinnati, Iowa.
Nov. 5—L. E. Mathers & Son, Mason City, Ill.

DAIRY CATTLE

Aug. 24—Bellum Holstein Dispersal, Wellman, Iowa. Victor Mueller, owner, Lone Tree, Iowa. Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Sept. 7—Hawkeye Downs Holstein Festival show and sale, Cedar Rapids, Iowa. Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Sept. 10—Edelmaier & Heine Milking Shorthorn Dispersion, Hooper, Nebr.
Sept. 22—Centralia Farms, (Registered Holstein Heifers) Nevada, Iowa. Claude E. Wylam, Sale Mgr., Waverly, Iowa.
Nov. 17—Robert McCuen, Yale, Iowa (Holstein Dispersion). Claude E. Wylam, Sale Mgr., Waverly, Iowa.

STOCKER AND FEEDER CATTLE

Sept. 6—Oswald Strand & Son, Manly, Iowa.
Oct. 2—Davis county, Bloomfield, Iowa.
Oct. 11—(Evening sale) All Club Calf saleñ Bayard, Iowa. W. C. Robertson, Sale Mgr., Bayard, Iowa.

HAMPSHIRES

Sept. 24—(Night sale) Iowa State Breeders, Ankeny, Iowa. Emery Riemenschneider, Secy., Pierson, Iowa.
Oct. 1—John Volk & Sons, Battle Creek, Nebr.
Oct. 1—(Night sale) McGuire Hampshire Farm, Wisner, Nebr.
Oct. 2—(Night sale) Dean Snyder, Good Hope, Ill.
Oct. 5—(Night sale) Lettow Bros., Alden, Iowa.
Oc. 20—C. H. Hauk, Casville, Wis. Iowa.
Oct. 8—Allen Lang & Son, Brooklyn, Iowa.
Oct. 8—(Night sale) C. T. Keen & Son, LeGrand, Iowa.
Oct. 11—(Night sale) Robertson Hampshire Farm, Columbus Junction, Iowa.
Oct. 16—(Night sale) Lee Norris, Fremont, Iowa.
Oct. 17—(Night sale) Dale McGraw, Pleasantville, Iowa. Sale at Knoxville, Iowa.
Oct. 18—Harry Knabe & Son, Nehawka, Nebr.
Oct. 20—(Nitt sale) Cecil Wilson, Lenox, Iowa.
Oct. 22—(Night sale) Fred Michaelsen, Ida Grove, Iowa.
Oct. 23—(Night sale) Howard Soorholtz & Son, Melbourne, Iowa. Sale at Marshalltown, Iowa.

LANDRACE HOGS

Aug. 9—(Night sale) Don Koch, Albert & Martin Clark, Garnivillo, Iowa.
Sept. 1—Ma-Ko-Ta Farms, Ames, Iowa. Sale at Boone, Iowa.
Sept. 5—(Night sale) Iowa State sale, Boone, Iowa. Howard O. Koch, Secy., Ames, Iowa.

POLANDS

Oct. 4—Helgens Bros., Monticello, Iowa.

TAMWORTHS

Sept. 26—(Night sale) Lee Winther, Wisner, Neb.

YORKSHIRE

Ind.
Aug. 11—(Night sale) Bob Walters, Eldora, Iowa.
Sept. 14—(Night sale) Harlan Hanks, Winnebago, Minn. Sale at Blue Earth, Minn.
Sept. 24—(Night sale) Jim Henderson, Coin, Iowa.
Sept. 29—(Night sale) F. L. Jackson & Sons, Lytton, Iowa.

SHEEP

Aug. 6—Missouri Suffolk Ram and Ewe sale, Memphis, Mo.
Aug. 18—Iowa Corriedale Breeders, Mt. Pleasant, Iowa. Stanley Watts, Secy., Murray, Iowa.
Sept. 8—Iowa Corriedale Breeders, Hedrick, Iowa. Stanley Watts, Secy., Murray, Iowa.

NEW BEAR CAT COMBINATION Grain and Roughage Mill also Ensilage Cutter

No. 4A

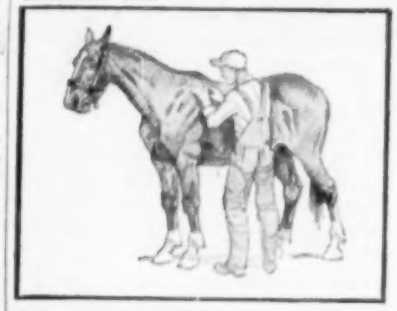
Trailer Mounted for Power Take-off Has traveling feed table and is especially designed for grinding or chopping larger quantities of loose or baled hay and roughage of any kind. Furnished either with or without Trailer Mount and Power Take-off. Both cutter knives and heavy swing hammers—it grinds any feed, green, wet or dry, snapped or ear corn, roughage bundles or baled flakes, with ordinary farm tractor—and no monkey business. Get full information on real honest-to-goodness grinding outfits. Write for complete details.

..also a BEAR CAT Tractor Hoist
Better than a Hired Man

The handiest and most practical lift you have ever seen or used for dumping corn or grain wagons; unloading and loading machinery, pulling out fence posts, stretching wire, lifting heavy objects, and a thousand and one other farm jobs. Simple in construction, quick to attach and detach. For tractors equipped with hydraulic pumps. Light in weight, leave on tractor. Does not interfere with take-off drive or hitch.

For full information about either Bear Cat product described here and name of dealer nearest you — Write us today. No Obligation.

Western Land Roller Co., Dept. 172-35
Hastings, Nebraska — Manufacturers



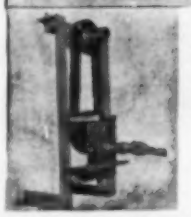
How to keep your horse at work

● A rubdown with Absorbine Wash right after work helps prevent galled shoulders, sore necks, stiffness across the back, shoulders and loins. Absorbine applied to a blemish or at the first sign of puffiness helps stop a more serious condition like ringbone or spavin. Does not remove hair nor blister skin. Horse can be treated on the job. Only $2.50 for a large bottle at all druggists.

W. F. Young, Inc., Springfield, Mass.

ABSORBINE

HENKE POWER TAKE-OFF CORNSHELLER DRIVE



Fits M. M. Model E or John Deere No. 6. Can be adapted to fit any make corn sheller. Heavy duty gears and chain drive. Uses Tractor P.T.O. No slippage. Does top job economically.

HEAVY DUTY ROLLER MILL

Truck or Trailer Mounting. New! Run by power take off, motor or tractor belt. 4 sizes. Finest workmanship.

Write for literature and prices
HENKE MFG. CO., Columbus 5, Neb.

The FARM DRYER

The CROPGARD, pulled and powered by your tractor, means less grain handling—lots less work for you. Drys and cools 100 bu. shelled corn, 135 bu. small grain *per hour guaranteed.* Write for bulletin. Lakeshore Mfg. Co., 3338 Republic Ave., Minneapolis 26, Minn.

with **BIG CAPACITY**

is the CROPGARD FARM DRYER

I WAS JUST FIGURING...

by Cy Watkins

"Daddy's smart. He gets eggs for 13½c a dozen!" That's what a little girl says in one of the current farm magazines and she's **right as rain.** You **can** make a dozen eggs on 13½c worth of feed . . . on the Watkins Layer Program.

But you know, right there is where the folks who're interested in Watkins' advertising have some disagreements. "When you're making an ad on a Watkins Min-Vite, what feed cost figures should you report?" Actually, the feed costs Watkins gets on their feeding tests are usually so low that they don't even report them . . . because they're "unbelievable."

Take for instance this big, color ad on egg-making (Watkins Min-Vite for Layers) that I just mentioned. Actually, Watkins has many many reports where the feed costs figure out about 12c a dozen . . . but when they made up the ad, they decided to say 13½c instead of 12c a dozen. That sounds crazy doesn't it, but they figured that there wasn't one farmer in 100 that would believe the 12c, even though it was true. (Proved true in tests at the Watkins Experimental Farms and on private, practical farms to boot.)

But instead of reporting the BEST results, Watkins tries to report an average of the results that good farmers get. So they wrote to Watkins Dealers across the country and asked them to send in the cost figures of several of their customers with both large and small flocks.

When the replies came in, stacks of them, they were all averaged. And out comes the number, 13½c a dozen.

Watkins will certainly admit that not **every** farmer who keeps chickens will get a dozen eggs for only 13½c. All they say is that there are **thousands** of flocks that **do** . . . flocks of well-bred birds, well cared for, managed by farmers who buy feed shrewdly. Here's how it figures.

First off, the ration costs less than other rations of comparable quality. That's because you can "mix-your-own." Watkins Min-Vite for Layers is a "pre-mix" . . . similar to the pre-mixes the feed companies use in the manufacture of their own feeds. You buy the pre-mix from Watkins, that's the minerals and vitamins, and add your own home-grown grains for energy, and proteins that you buy locally.

Second off. You get a more efficient feed. The average feed consumption for this entire survey was 4.06 pounds per dozen . . . and that's tough to beat.

Now I'm not so dumb as to think you're gonna run right out and buy some of this here Watkins Min-Vite for Layers just because of what I say. I **do** believe, though, that you owe it to yourself to hear what your Watkins Dealer has to say.

The J. R. Watkins Co., Winona, Minn.

Farm and Feedlot

Cholera Still No. 1 Hog Disease

Despite improved vaccines, hog cholera is still the No. 1 hog disease problem in the United States.

That's the statement of the American Veterinary Medical Association. Hog cholera is as dangerous as it ever was, the veterinary group says.

"Vaccination is the only sure check against this disease," reports the association. "The best time for vaccinating is usually shortly before weaning time. It is best to have the vaccinating done by a veterinarian, because he can best determine whether the pigs are in condition for it and also can best determine the proper type of vaccine to use."

Amino Triazole For Thistles?

Don't expect to get rid of all your Canada thistle problems with one application of amino triazole.

That advice comes from Dr. E. P. Sylwester, weed control expert at Iowa State College. He says that repeated applications of the new chemical weed killer will thin out the thistles. But that one application usually is not 100 percent effective—as some folks seem to think.

Cost of amino triazole treatment is higher than the cost of spraying with 2,4-D, Sylwester points out. And so far, amino triazole has not been proven much more effective in repeated Iowa tests.

Recommended dosage of amino triazole for thistles is five pounds of actual chemical per acre. Amino triazole is not selective. It will injure every plant it contacts.

Confine Layers All The Time

Never let your layers out of the laying house. You will get cleaner eggs. And you can control feed intake of the hens.

Hens that run on pasture may produce eggs with extremely dark yolks. And such yolks may cast a shadow during candling even tho the white of eggs is fairly firm. If this happens, the egg may be placed in a lower grade.

"I suspect the new hired hand is afraid of cows."

do it with Air-Cooled WISCONSIN ENGINE POWER

Keyker Auger Grain Elevator, powered by 4-cylinder V-type Wisconsin Power Unit. Made by Keoiker Mfg. Co., Hull, Ia.

Finco Portable Field Sorter and Finco Automatic Husking Bed, made by Finco, Inc., Aurora, Ill. All Finco equipment is Wisconsin-powered.

Haban dual-purpose Husker-Sheller (for field shelling or for use as a commercial unit), powered by 2-cylinder Wisconsin Engine. Made by Haban Mfg. Co., Racine, Wis.

John Deere Model 14-T Twine-tie baler, powered by 2-cylinder Wisconsin Engine. Product of John Deere Co., Moline, Illinois.

When water boils away under a scorching summer sun . . . if the temperature should go up to an unbelievable and unbearable 140° F. — or if, on the other hand, it should drop to minimums way below the freezing point during an unseasonal cold spell — *there would be no cause for concern if your equipment is powered by a Wisconsin Heavy-Duty AIR-COOLED Engine!*

Wisconsin Engine AIR-COOLING is entirely automatic and as trouble-free as modern engineering ingenuity can make it. Every Wisconsin Engine from the smallest to the largest is equipped with a large capacity blower, integrally cast as a part of the flywheel. A powerful blast of AIR is continuously distributed over the closely-finned cylinder heads and walls by means of scientifically designed and placed air shrouding, providing correct heat dissipation at all temperatures up to 140° F.

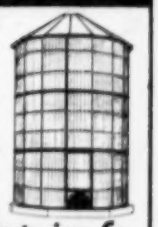
In addition Wisconsin basic High Torque design and heavy-duty construction are assurance of steady-going operating dependability, low-cost maintenance and efficient, economical performance. All models can be equipped with electric starter and generator, or starter only, as original equipment.

See the exhibits of Wisconsin-powered farm and orchard equipment at your State Fair . . . and specify "Wisconsin Power" for your own equipment. There are no more rugged engines built in a 3 to 36 hp. range, than Wisconsin Heavy-Duty AIR-COOLED Engines. Write for Bulletin S-188 with specifications covering all models.

WISCONSIN MOTOR CORPORATION
World's Largest Builders of Heavy-Duty Air-Cooled Engines
MILWAUKEE 46, WISCONSIN

DISTRIBUTOR **Port Huron Machinery Co.** 301 East Court Des Moines, Iowa

LOW COST CORN CRIB



FULLER corn-saver crib . . . built to stand 6 times the pressure of ear corn. 1,200 bu. or 800 bu. 2 men can easily set up in 2 hrs. All steel pre-fab sections. Galvanized steel roof. Double door, 2 ft. and 6 ft.

See your dealer or write for more information.

FULLER Manufacturing Co.
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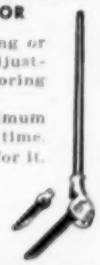

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Animal fats in the ration have produced broilers at the Illinois Agricultural Experiment Station that weighed 3.19 pounds at eight weeks.

These broilers needed only 1.93 pounds of feed for each pound of weight gain, says H. M. Scott, head of the poultry division at the University of Illinois, who supervised the experiments.

That efficiency of gain is 20 percent better than for any other ration made up of common ingredients ever used on the station's birds, Scott says.

Supplemental animal fat is now being used in most commercial broiler rations, the poultry specialist points out. The amount of fat that is used will vary with the cost.

In the Illinois tests, the conventional 20 percent protein corn—soybean oil meal broiler ration was supplemented with levels of fat ranging from nothing to 14 percent. Chicks fed this ration, however, grew more slowly than chicks on the conventional feed. Even more striking was the adverse effect of the high fat levels on feathering.

When the protein content of the test feed was raised at the same time, the chicks responded with faster gains than those on the conventional ration. The best ration rounded out at about seven percent of animal fats with 25 percent protein content.

The reason fats added to the 20 percent protein ration slows growth, Scott points out, is that the chicks stop eating before they get enough protein.

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All Boars Tested for:
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Thrill to "Miracle Waters" — $100,000 Waterama on

MILE-LONG MIDWAY OF MIRTH

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SHOW: 3:30 P. M. SALE: 7:30 P. M.

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60 Great Bred Gilts

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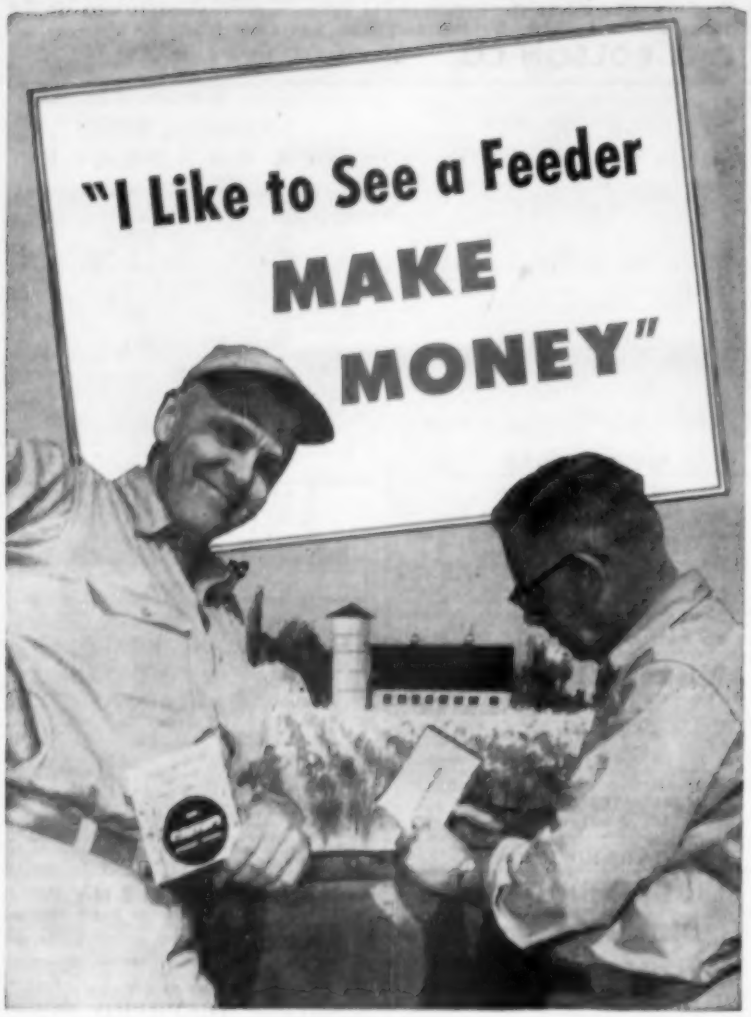

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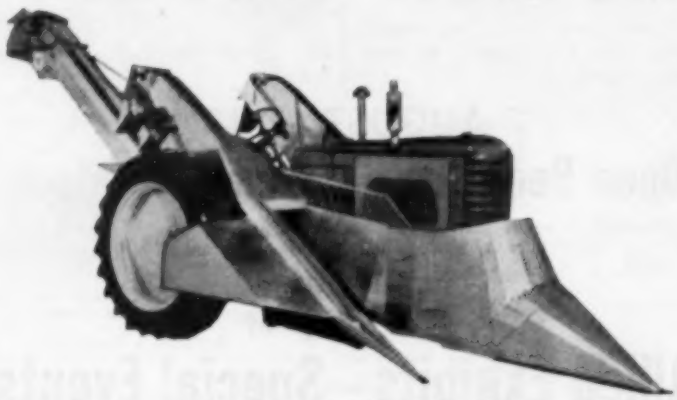

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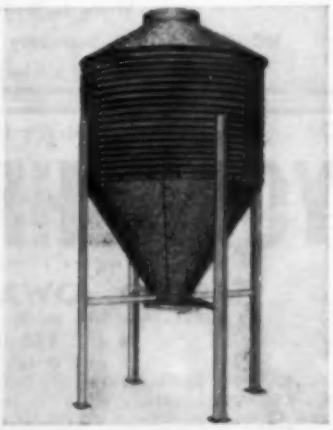
Granular DDT is applied with this unit which is made to fit the rear end of most makes and models of tractors. Takes four or six rows. Holds 100 pounds of DDT. Easily installed. Made by Fleischer-Schmid Corporation.

Home water softener is countertop high and entirely automatic in operation. Manual regeneration eliminated by simple valve and electric control. Made by Lindsay Company.



Bulk feed tank can be placed indoors or outside. Capacity, 2½ to five tons. Optional equipment includes 11-foot auger and ladder to roof. Made by Martin Steel Products Corp.

What's Ahead...

WE'RE IN THAT PHASE of the hog production cycle when number produced is going down. Prices can be expected to work higher in the next year or two until hog prices are higher than feed prices. But we'll still have the seasonal price changes.

Homer Hush

IN THE NEXT two months, hog prices will trend downward except for occasional days or weeks. And there'll be no profit made by feeding hogs after they reach market weights. It will pay to push early pigs to market weights and sell light.

NOTHING will be gained, however, by rushing late-farrowed pigs to market weights. Feed them for slow, cheap gains if you have good pastures. Hog prices should have passed their seasonal low point and be steady or stronger when the late-farrowed pigs are ready for market.

FEED GRAINS, according to present prospects, will be less plentiful this winter season than they were last season. Yields and acreages of oats, barley and rye are down from last year. Corn and sorghum grain yields are uncertain yet, but acreage of each is below last year.

Crop prospects and the more liberal sealing rules indicate higher feed prices this winter than last winter. But there'll be no runaway feed prices no matter what happens to the corn crop. Government handling of the corn reserve will prevent that.

FAT CATTLE prices should strengthen in the months just ahead. July 1 report indicated 10 percent fewer cattle on feed than one year before in 13 big feeding states. Heavy cattle supplies will be down most. Cattle on feed weighing over 900 pounds were only 35 percent of the total compared to 42 percent a year earlier.

Higher prices for fat cattle this fall should not influence farmers to buy feeders in line with those prices. Fat cattle supplies will be big when feeders bought this fall are sold as fat cattle. Feeder cattle movement will be heavy.

SOYBEAN GLUT at harvest time is almost certain if crop weather remains just fairly good. Big acreage indicates the crop will be over 400 million bushels, largest on record. Be ready to use the government loan or purchase agreement at about $2.15. Storage can be on your farm or at your elevator.

COLD STORAGE stocks of eggs on July 1 were smallest of record. This will help the egg market for summer and early fall. It may also mean strong demand for large eggs when the old hens are sold and pullets take over in the laying house. Cold storage can't supply too many big ones, and pullets don't produce them at the start.

BROILER HATCH continues to be large. And turkey production is up from last year. Poultry meat will offer strong competition to other meat producers in the next few months.

RESEAL PROVISION on corn will pay farmers 16 cents per bushel for storage this year compared to 15 cents last year. You can collect the storage payment even if you redeem the corn next summer and use it for feed.

RED MEAT PRODUCTION (beef, veal, pork, lamb and mutton) is expected to be 162 pounds per person this year. This per capita total is 1.3 pounds more than for last year. It's almost 10 pounds more than in 1954 and almost 20 more than in 1950.

If poultry meat is added, 1956 meat produced per person will likely be about 190 pounds. That's estimating that poultry meat production will be 28 pounds per person this year compared to 27 last year.

Extra-wide snout—30 inches between points—makes it easier to center on the row

12 feet high or knocked flat by hurricanes . . .

"Nothing stops a New Holland!"

• That's what farmers are saying all over the land—a New Holland chops and loads it all!

Put a New Holland Forage Harvester with a row crop attachment to work in your field and you can put up as much as 24 tons of corn silage in an hour. This is the kind of steady, high capacity you can count on—all day long, all season long.

With this chopper you can run your harvest from the tractor seat! One lever works the feed table—lets you start, stop, even reverse. *It's that easy.*

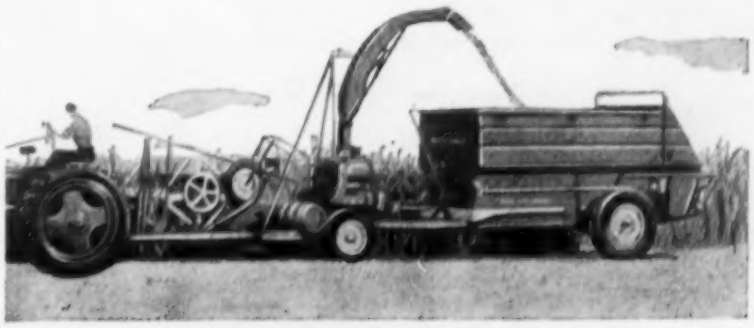
A perfect mate for your harvester is New Holland's P.T.O. Spreader that converts to a 3½-ton, self-unloading forage wagon . . . unloads automatically at the blower in a few minutes.

TRIPLE-DUTY MACHINE

New Holland's Forage Harvester with attachments is the one machine for all your forage crops. Whether you prefer engine-powered or P.T.O. equipment, the three pick-ups are interchangeable and easy to attach. Here they are: row crop, windrow, and sickle bar attachments. New Holland Machine Company, a subsidiary of Sperry Rand Corporation, New Holland, Pennsylvania.

NEW HOLLAND

"First in Grassland Farming"



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Your Conoco Man's liberal credit terms make it easy to order *today* . . . pay *later* . . . for all your Conoco requirements.

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(For Feb., Mar., and Apr. savings—see your Conoco Man!)	You save 4¢ per gallon!	You save 1¢ per pound!

Now, whether your farm operation is big or small, you can get the best price deal going on Conoco Motor Oils and Greases!

Just figure out how much Conoco Super Motor Oil and Conoco Grease you'll be needing next Spring . . . and arrange for delivery between January 1 and April 30, 1957.

The *earlier* you accept delivery, the *lower* net price you'll pay! But *big savings* are yours right up to April 30th!

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Call your Conoco Man this week for the lowest net prices going! Liberal credit terms? You bet!

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